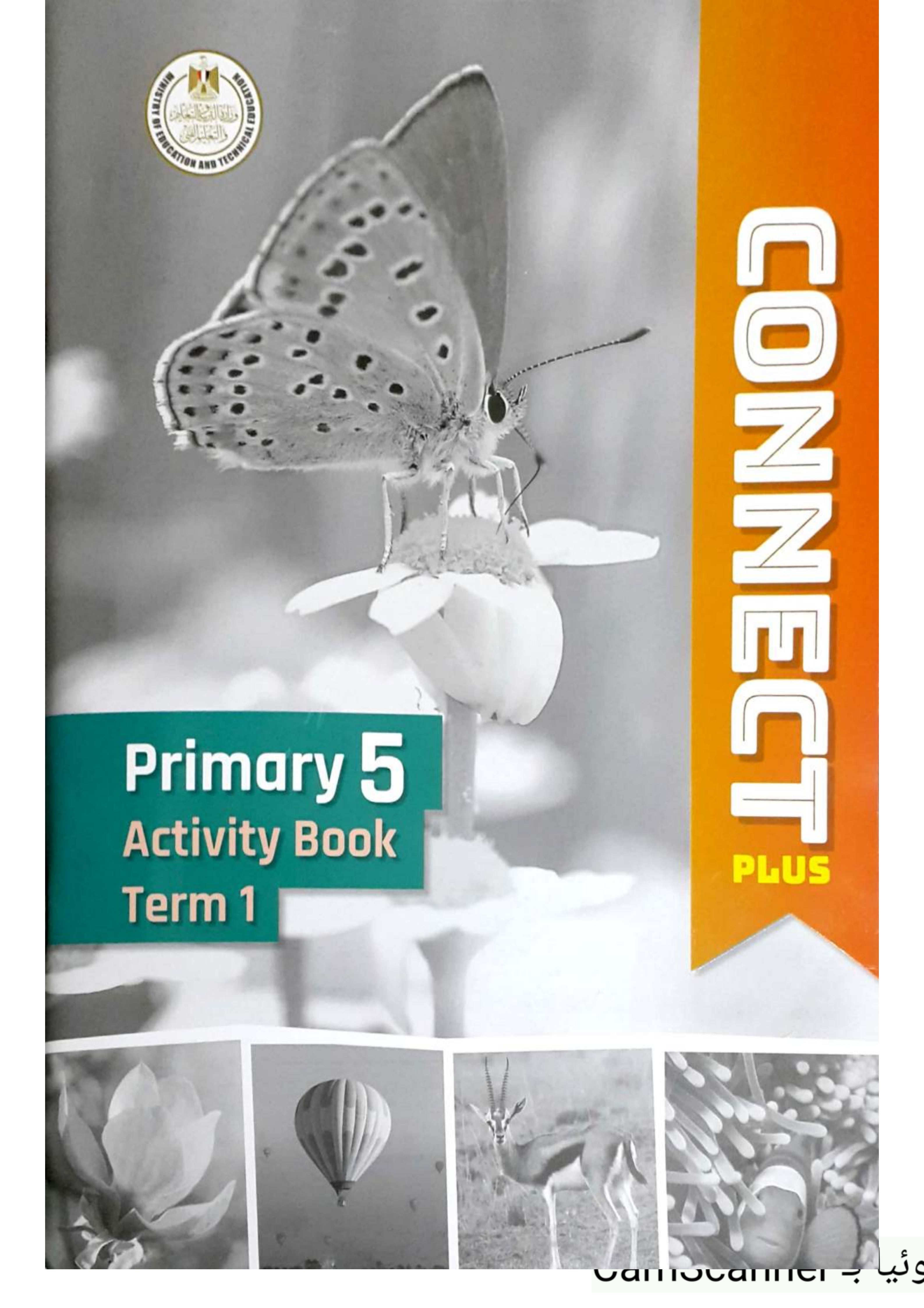
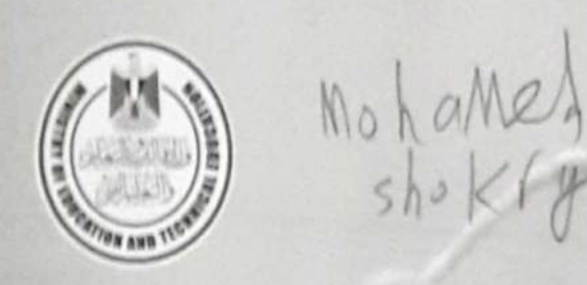

MINISTRY OF EDUCATION AND TECHNICAL EDUCATION
CONNECT
PLUS
Primary 5
Activity Book
Term 1



CONNECT PLUS

Primary 5
Activity Book
Term 1

Barbara Mackay

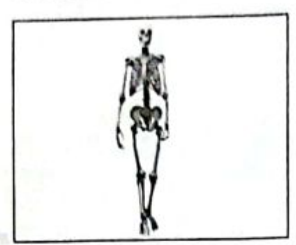
CONTENTS

LET'S REMEMBER

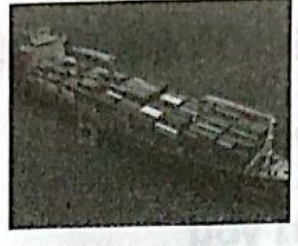
LESSON 1



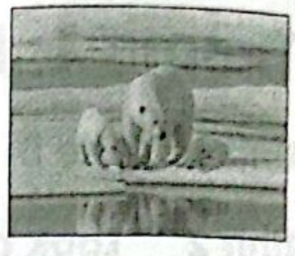
Circle the correct words. Then listen and check



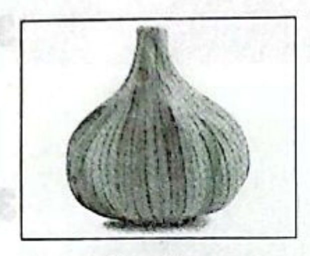
1 stomach / skeleton



2 ship / subway



3 urban / polar



4 garlic / beans



5 landslide / drought



6 email / website



7 soil / stone



8 wood / coal



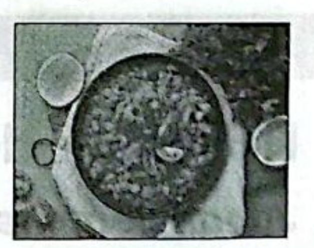
9 reptile / mammal



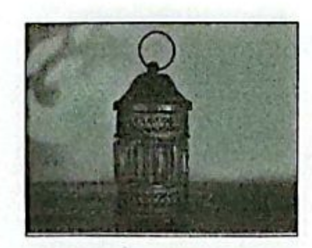
10 road / rail



11 solar panel / wind turbine



12 *sayadeya* / *ful medames*



13 Ramadan / Eid Al-Fitr



14 traffic / village



15 tools / mask



2 Circle the correct words

1 A (ney) / **oud** is a traditional wind instrument.

2 A jellyfish is an **invertebrate / amphibian.**

3 You can make tidal energy in **desert / coastal** regions.

4 I need to make a video for my **vlog / blog**.

5 The archaeologist found an ancient Egyptian **vase / train.**

6 We use our **digestive / respiratory** system to breathe.

7 People who are **deaf / blind** can't hear well.

8 Red and blue are **secondary / primary** colors.



3 Complete the sentences with the words in the box. There are two extra words

are learning	bigger	makes	should	smallest	study	will	~~won't~~

1 In the future, we won't ____________ use fossil fuels to heat our homes.

2 The ____________ bird in the world is the bee hummingbird.

3 You ____________ eat a good diet with lots of fresh food to keep healthy.

4 Today we ____________ about the ancient Egyptians.

5 Mom always ____________ special cookies called *kahk* at Eid Al-Fitr.

6 In the future, everyone ____________ drive electric cars.

4 Complete the sentences with the correct word

1 That's Ibrahim's book. It's his____________.

2 Is that your book? Yes, it is. It's ____________.

3 That's Fares and Walid's apartment. It's ____________.

4 They're our school bags.
They're ____________.

5 It's your desk. It's ____________.

6 Are those Amira's shoes?
Yes, they're ____________.

7 Is that Adam's book? No, it's not
____________. It's ____________.
My mom gave it to me!

LESSON 2



Do the quiz. Choose the correct answer, *a* or *b*

QUIZ

1 What does the right hemisphere of the brain control?

a logic   (b) creativity

2 Which kind of vertebrates are cold-blooded?

a reptiles   b mammals

3 Which elephant is the biggest land animal?

a Asian   b African

4 Which secondary colors do you mix to make orange?

a red and yellow   b red and green

5 What is the word for the area where you live?

a citizenship   b neighborhood

6 Where is Upper Egypt?

a in the north   b in the south

7 Who uses Braille to read?

a blind people   b deaf people

8 What are metropolitan areas like?

a densely populated   b sparsely populated



Complete the sentences. Then listen and check

1 My c_____________ includes my family, my friends, and my school.

2 Mariam writes a b_____________ on her computer about Egyptian plants.

3 Wind and wave power are good sources of r_____________ energy.

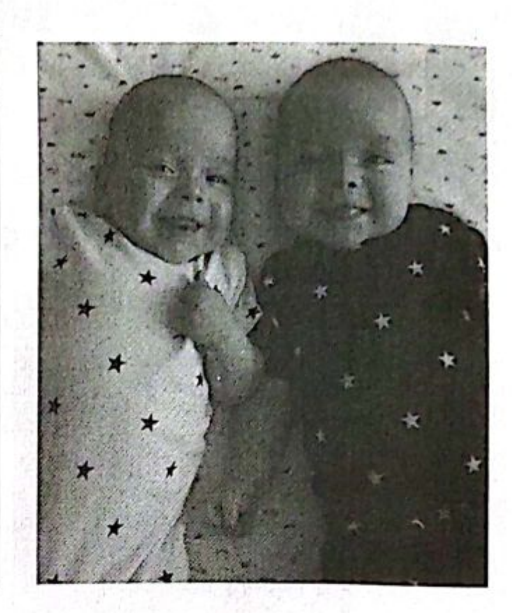
4 I usually make a special lantern during R_____________.

5 When there is a lot of t_____________ in the city, the cars move slowly and sometimes stop!



Complete the table

Singular	Plural
baby	babies
sheep	
child	
tomato	
man	
goose	
city	
woman	



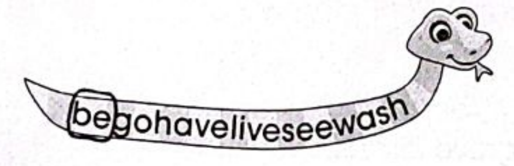


Rewrite the sentences using capital letters and the correct punctuation

1 mrs doaa is my english teacher
Mrs Doaa is my English teacher.
2 do fares and Yasmine live in luxor
____
3 mariam works at the ras ghareb wind farm
____
4 will you stay in amman when you visit jordan
____



Find and circle the verbs. Then complete the table



verb	third person present simple	past simple
1 be	is	was / were
2		
3		
4		
5		
6		

UNIT 1

LIFE IN MY WORLD

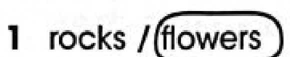
LESSON 1 A GREAT TRIP!

1 Read and circle the correct words









1 rocks / flowers 2 butterflies / roots 3 leaves / bees

2 Complete the sentences with the words in the box

butterflies illnesses living things non-living survive ~~thick~~

1 The leaves of a mangrove tree are thick.
2 Camels can __________ in the hot desert.
3 Fish and animals are __________.
4 Stones and sand are __________ things.
5 Mangrove honey can help fight some __________.
6 Many __________, bees, and other insects live in mangrove forests.



3 Read and circle the correct answers

1 Mangrove trees are special because they can grow in **freshwater** / **salt water**.
2 Mangrove forests **protect** / **kill** the marine ecosystem.
3 The leaves of mangrove trees take more **oxygen** / **carbon dioxide** from the air than other trees.
4 Bees make a special honey from the **roots** / **flowers** of mangrove trees.
5 The plants, animals, and insects **interact** / **protect** with each other to survive.



Read and circle *T* (True) or *F* (False). Correct the false sentences

1 An ecosystem is only the plants in an area. T / (F)

An ecosystem is all the animals and plants in an area.

2 All ecosystems are very big. T / F

______

3 An ecosystem doesn't include water or rocks. T / F

______

4 Living things and non-living things interact with each other in an ecosystem. T / F

______

5 The different parts of an ecosystem are a community. T / F

______



Label the photos with an ecosystem from the box

desert forest freshwater grassland marine ~~rainforest~~



1 rainforest



2 ______



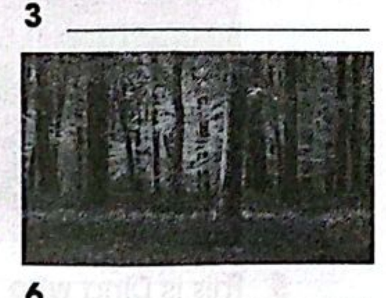
3 ______



4 ______



5 ______



6 ______

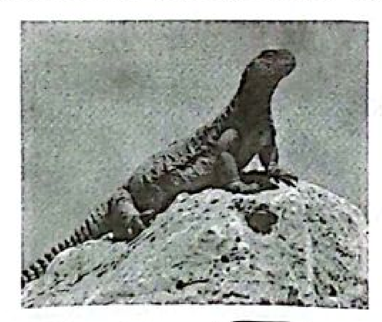
6 Search in your books or the internet to write information in the table

Ecosystem	Living things	Non-living things
Desert	camels, lizards, foxes, insects	sand
Rainforest		
Marine		

UNIT 1

LESSON 2 LANGUAGE

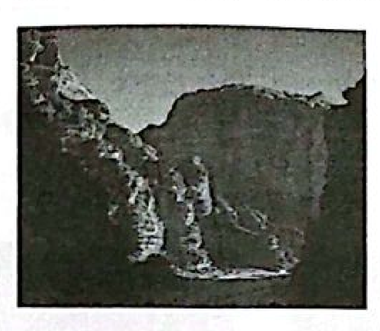
1 Read and circle the correct words



1 This is a lizard **which** / **where** lives in the Egyptian desert.



2 This is a medicinal plant **who** / **which** helps people with coughs.



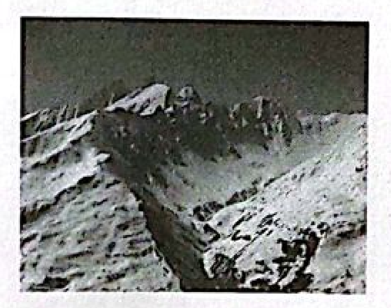
3 This is a wadi **where** / **when** different animals live.



4 This is a person **which** / **who** has a cough.



5 This is Dina **who** / **which** lives in Cairo.



6 This is a place **where** / **who** it sometimes snows.

2 Read and match to make rules

1 We use *who* to talk about — a places.

2 We use *which* to talk about — b people.

3 We use *where* to talk about — c things.

3 Read and circle the correct words

1 Hazem is Adam's cousin (who) / **which** lives in the Sinai Peninsula.

2 The fox is an animal **where / which** lives in the desert.

3 They visited a wadi **who / where** they saw some animals.

4 A wadi is a dry place in the desert **which / where** fills with water when it rains.

5 They met a man **which / who** works in a garden.

6 He showed them his garden **where / which** he grows medicinal plants.

4 Complete the sentences with the correct word

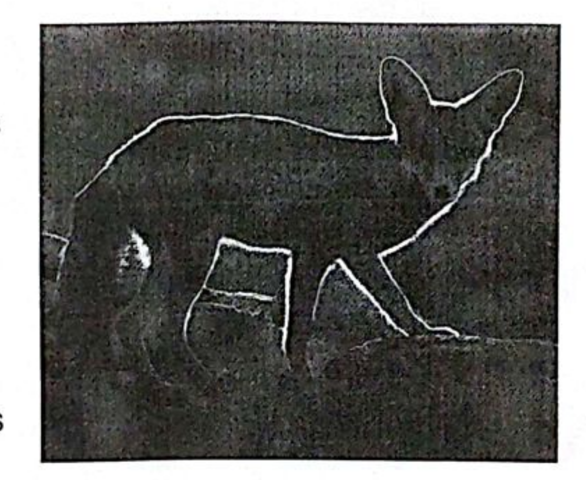
1 The Sinai Peninsula is a place ___where___ red foxes live.

2 Is Mona the girl ____________ always draws pictures of animals?

3 There are many medicinal plants ____________ grow in the desert.

4 A wadi is a place ____________ desert animals look for food.

5 Ashraf is my friend ____________ lives near the Red Sea.



6 Summer is the season ____________ comes after spring.



5 Complete the sentences using ideas of your own

1 Adam visited his cousins who ________________________

2 They visited a wadi where ________________________

3 Adam saw an Egyptian dabb lizard which ________________________

4 Adam visited friends and neighbors who ________________________

5 They met a man who ________________________

6 The man sells plants which ________________________

UNIT 1

LESSON 3 A RAINFOREST ECOSYSTEM



What can you remember about Malak Habib, the wildlife photographer? Listen again and choose the correct answer *a*, *b*, or *c*

1 Where has Malak been?

a the African rainforest

(b) the Amazon rainforest

c the Canadian forest

2 Why are custard apple trees important to the rainforest ecosystem?

a They protect other trees. b Animals eat the fruit to survive. c The fruit tastes like candy.

3 How do birds and animals help the trees?

a They take seeds to other parts of the forest and new trees grow.

b They give the trees oxygen. c They live in the trees.

4 What happens when people cut down the trees?

a More trees grow. b There is no food for the animals. c People stop visiting the rainforest.

5 What do you need to be a successful photographer?

a money b beauty c patience



Listen to the conversation between Dina and her brother Adam. Read and write *yes* or *no*



1 Dina wants to be a wildlife photographer. No

2 Dina has the patience to be a wildlife photographer. ______

3 Dina wants to help protect rainforest animals. ______

4 Dina wants to show people where to find the animals. ______

5 Adam thinks it's more important to have a goal than to have luck.

6 If people cut down the trees, the monkeys will lose their homes and food. ______

7 Dina's goal is to stop people cutting down trees.

3 Listen again and number the words in the order you hear them. Then write *adjective* or *noun* next to each word

a luck ☐ ________ b successful ☐ ________

c goal ☐ ________ d patience [1] noun ________

e beautiful ☐ ________

4 Circle the correct words

1 Fares doesn't want to wait because he isn't a **patient** / **patience** person.

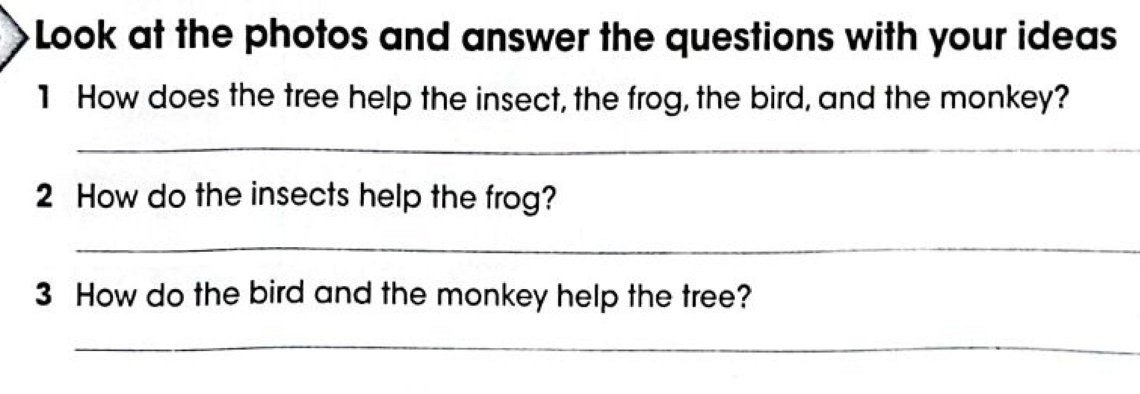
2 There is so much **beauty** / **beautiful** in the Amazon rainforest.

3 My grandad doesn't have the **patience** / **patient** to learn about computers.

4 Malak's exhibition was a great **successful** / **success**.

5 They weren't **luck** / **lucky** that day. They didn't see any wild animals.

5 Look at the photos and answer the questions with your ideas



1 How does the tree help the insect, the frog, the bird, and the monkey?

____

2 How do the insects help the frog?

____

3 How do the bird and the monkey help the tree?

____



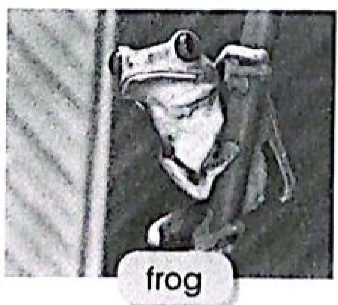
monkey



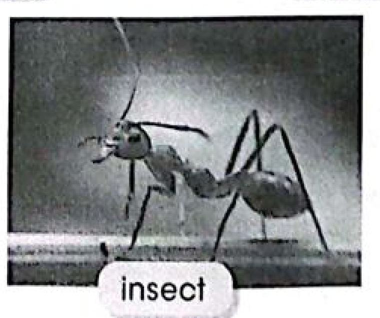
bird



rainforest tree



frog



insect



LESSON 4 STORY: IN THE MANGROVE TREE

1 Do the puzzle. What's the mystery word in gray?

1

2

m
a
1
2
3
4
v
5

3 4 5

The mystery word is ______________________________.

2 Number the quotes from the story in the correct order

a "How will you help the trees grow?" ☐

b "Oh no. How many more mangrove trees are they going to cut down?" ☐

c "So, is life going to get better here?" ☐

d "Hello Lizard. Hello Kingfisher. I have some bad news." ☐

e "We carry pollen from one plant or tree to another and that helps them to make seeds." ☐

f "You look sad. What's the matter?" 1

g "They have learned that the mangrove trees are important, so they're planting new ones." ☐

h "People came and cut down some trees." ☐

3 Complete the story summary with the words in the box. There are two extra words

bees birds cut down food happy ~~mangrove~~ people trees were planting worried

The kingfisher visited her friend, the lizard, in a [1] mangrove tree. The lizard was sad. She explained that when the people came to the mangrove forest, they [2] ____________ the trees. After that, it was difficult for the lizard to find food to eat. Dugong told his friends the kingfisher and the lizard that the [3] ____________ were back. They could hear trucks and people shouting. The animals were [4] ____________. Then they heard some [5] ____________ buzzing around the tree. A bee told the animals what was happening. The people learned that the [6] ____________ were important, and that they were part of the ecosystem. The people [7] ____________ more trees and they brought the bees to help the trees make seeds. When the trees grow again, there will be more [8] ____________ for the animals.

4 Read again and answer the questions

1 Where does the lizard live?

in a mangrove tree

2 Why was it difficult for the lizard to find food?

____

3 Why did the people bring bees to the mangrove trees?

____

5 Do some research. Use the internet and a dictionary to find out about dugongs. Answer these questions

- Are dugongs fish or mammals?
- What do dugongs eat?
- How big are they?
- Are they endangered?

____

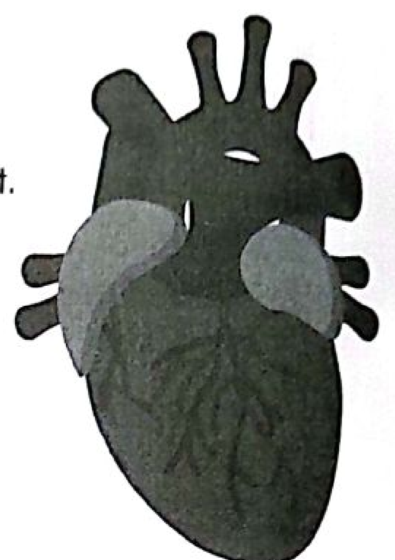
____

____



LESSON 5 I HAVE A HEALTHY HEART

1 Read and circle the correct words



1 Blood travels around our bodies in our **veins and arteries / muscles and bones.**

2 **Veins / Arteries** move blood away from our heart.

3 **Veins / Arteries** carry blood to our heart.

4 Blood carries **carbon dioxide / oxygen and nutrients** around our bodies.

5 We can get vitamin D from **sunlight / water.**

6 Vitamin D can **make / protect** people from getting sick.



2 Learn more about the heart! Do the quiz and write *yes* or *no.* Listen and check your answers

HEART QUIZ	
1 Your heart beats about 70,000 times per day.	________
2 There are about 9,500 kilometers of veins and arteries in your body.	________
3 The human heart weighs about 1 kilo.	________
4 A man's heart is heavier than a woman's heart.	________
5 A woman's heart beats slower than a man's heart.	________
6 The right side of your heart pumps blood into your lungs.	________
7 The left side of your heart pumps blood back through your body.	________
8 The elephant has the largest heart of any mammal in the world.	________

3 Read and complete the information about the heart

bike exercise fish relax sports swim ~~vegetables~~

HOW TO KEEP YOUR HEART HEALTHY

- Eat healthy food like fruit, [1] vegetables ______, and [2] ______.
- Play [3] ______ with your friends. [4] ______ regularly in the gym or outside.
- Keep moving. Walk, run, [5] ______, or ride your [6] ______.
- Take some time to [7] ______ and be quiet.

4 Write five more sentences describing how you keep your heart healthy

1 I play tennis with my best friend every Saturday.

2 ______

3 ______

4 ______

5 ______

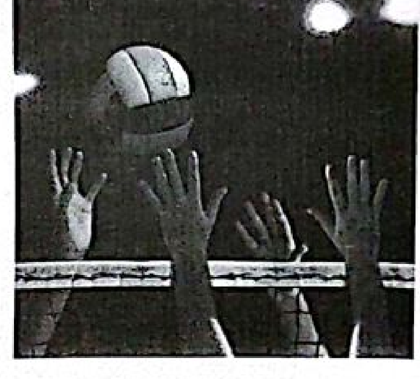




LESSON 6 WRITING: LINKING WORDS



Read the dialog. Why does Adel play a lot of sport?



Adel: Hello, Omar. Where are you going?

Omar: I'm going to the sports center because it's basketball club today.

Adel: Oh, great. I don't play basketball, but I play volleyball. Is there a volleyball club at the sports center?

Omar: Yes. I know it's on Fridays because my sister Rasha goes to the volleyball club.

Adel: Oh, good.

Omar: The volleyball club is popular, so there are always a lot of people.

Adel: Great. I love playing volleyball and I love tennis, too. Is there a tennis club?

Omar: No, there isn't, but you can play tennis at a sports club that's next to the center. I play tennis and football there.

Adel: I want to be healthy so I play a lot of sports.

Omar: Me, too. It's important to have a healthy diet too, so I eat a lot of fruit and vegetables. Do you want to play tennis next weekend?

Adel: Good idea. Thanks Omar.



Complete these sentences from the dialog with *and, but, because,* or *so*

1 I'm going to the sports center ____________ it's basketball club today.

2 I don't play basketball, ____________ I play volleyball.



3 I know it's on Fridays ____________ my sister Rasha goes to the volleyball club.

4 The volleyball club is popular, ____________ there are always a lot of people.

5 I love playing volleyball ____________ I love tennis, too.

6 No, there isn't, ____________ you can play tennis at a sports club.

7 I want to be healthy, ____________ I play a lot of sport.

8 I always eat a healthy diet, ____________ I exercise every day.



Read and match the rules

1 Use *and* — c
2 Use *because*
3 Use *but*
4 Use *and*
5 Use *so*
6 Use *but*

a to show a contrast.
b to link a positive and a negative sentence.
c to link different things in a list.
d to show the result of something.
e to show a reason for something.
f to link two similar sentences.



Write complete sentences with *and*, *but*, *because*, or *so*



1 Tarek / play football / not play basketball
Tarek plays football, but he doesn't play basketball.

2 We / eat a lot of fruit / it is healthy

____

3 Naglaa / go to sports center / not go to the gym

____

4 At home we / eat fish, chicken, / fresh vegetables

____

5 Lamar / play tennis / want to be healthy

____

6 I / want to be healthy / not eat candy and cakes

____



Write a dialog between you and your friend about how you keep healthy



- Ask and answer about what sports or activities you do to keep healthy
- Talk about what food you eat or don't eat. Say why
- Use linking words *and*, *but*, *because*, and *so*
- When writing a list, write commas after each word.

____

____

____

UNIT 1

LESSON 7 STORY: WAITING FOR THE RAIN



Complete the sentences from the story with the words in the box

~~grasslands~~ ground grow hungry rabbits rain

1 It was another long hot day in the grasslands______.
2 If it doesn't rain, the grass won't ____________.
3 Two weeks later, it was still hot and the ____________ was hard.
4 Cub went to bed ____________, but he woke up to hear ____________ falling on the ground.
5 The ____________ will come back, and we won't be hungry any more!



Match the questions with the answers

1 Why is Mother lion worried? — e
2 Why does Cub want his mom to catch a rabbit?
3 Why have the rabbits gone?
4 How did Cub feel when he went to bed?
5 What did Cub hear the next morning?
6 What will happen now that it has rained?

a He wants something to eat.
b The grass will grow and the rabbits will return.
c He felt hungry and worried.
d There isn't any grass for them to eat. They can't stay or they might die.
e It's hot and there isn't any rain.
f He heard the rain falling.



Circle the correct words

1 There isn't any grass to eat, so the rabbits **can / will** be hungry.
2 Many animals have left the grasslands. Some animals **might / will** be dead.
3 When it doesn't rain, the grass **can't / might** grow.
4 There are dark clouds in the sky. It **might / can** rain soon.
5 **Can / Will** we take some photographs of the lions?
6 Cub **can't / can** sleep because he's hungry.



4 Think about Cub and Mother lion after it has rained. Write sentences using *can, might,* or *will/won't*

1 eat more rabbits They will eat more rabbits.
2 play all day ______________________
3 be hungry ______________________
4 have fun ______________________
5 be worried ______________________
6 stop raining ______________________
7 grass for the rabbits to eat ______________________



5 Think about an ecosystem, and the animals, plants, and non-living things that you can find there. What problems might they have? Write some notes in your notebook

Ecosystems
desert forest freshwater
grasslands marine
rainforest

Animals
gazelle elephant frog
hummingbird monkey
turtle

Problems
air pollution cutting down trees
global warming water pollution
too many people



6 Use your ideas to write a story of about 40 - 50 words. The story must be different to the one you wrote for your Student's Book

Think about:

- The characters – What are their names? What are they like?
- What do the animals eat? How do they survive?
- What problems might happen to the ecosystem?
- Use adjectives to describe how the animals feel? Are they confused? Worried? Sad?
- How does the story end? What happens?



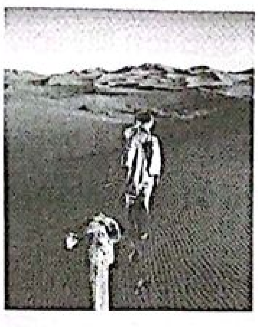
LOOK AROUND YOU

LESSON 1 WONDERS OF AFRICA

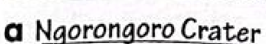


Match the places to the photos

Mount Kilimanjaro ~~Ngorongoro Crater~~ Sahara Desert Victoria Falls







a Ngorongoro Crater b ____________ c ____________ d ____________



Read and circle. Listen and check

a The Ngorongoro Crater is the largest volcanic [1] **canyon / crater** in the world. Inside it, there are forests and [2] **wetlands / deserts**. Lots of birds and animals live here, for example lions, elephants, buffaloes, and leopards.

b The Victoria Falls is an enormous waterfall on the Zambezi River. Every minute, 5 million cubic meters of water falls into a big [3] **lake / canyon** which the water has [4] **erupted / eroded**. The water makes a lot of noise as it falls!

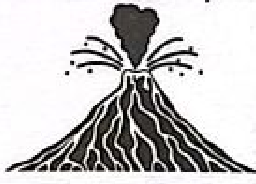
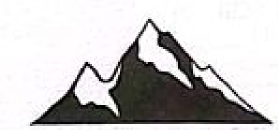
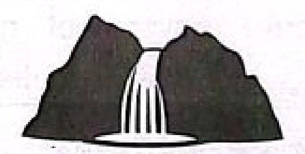
c Mount Kilimanjaro is made of three volcanoes, but they haven't [5] **erupted / eroded** for thousands of years. It is the tallest mountain in Africa. It has lots of different ecosystems and at the top there is [6] **snow and ice / a valley**.

d The Sahara Desert is the largest hot desert in the world. It covers [7] **eight / eleven** countries. Some of the sand [8] **dunes / craters** can be 180 meters high. Although it is a hot and dry place, some animals and plants live here.

3 Read the quiz and answer the questions

WONDERS OF AFRICA QUIZ

1 In which country is the Ngorongoro Crater?
 a Kenya b Tanzania
2 How big is the Ngorongoro Crater?
 a 260 square kilometers b 600 meters
3 Which two countries is the Victoria Falls between?
 a Kenya and Tanzania b Zambia and Zimbabwe
4 How wide is the Victoria Falls?
 a 108 meters b 1,708 meters
5 How tall is Mount Kilimanjaro?
 a 5,895 meters b 25,000 meters
6 What ecosystems do you find farther up Mount Kilimanjaro?
 a grasslands b tropical rainforests
7 How big is the Sahara Desert?
 a about the size of the USA b about the size of the Antarctic
8 How long have people lived in the Sahara Desert?
 a millions of years b thousands of years

4 Where should each person visit? Read and write the best place from Exercise 1

"We want to see a big river and visit an amazing waterfall."
Talia 1 Victoria Falls

"I'd like to see some beautiful birds and animals. I'd really like to see some lions and elephants."
Amira 2 ______

"My parents are interested in different ecosystems and they enjoy climbing mountains."
Hany 3 ______

"Dad wants to go on a desert adventure and drive across some big sand dunes."
Younis 4 ______

UNIT 2

LESSON 2 LANGUAGE



1 Complete the table

Present	Past simple	Past participle
1 meet	met	met
2 visit	___	___
3 see	___	___
4 travel	___	___
5 eat	___	___
6 make	___	___
7 tell	___	___
8 do	___	___

2 Complete the sentences with the present perfect form of these verbs

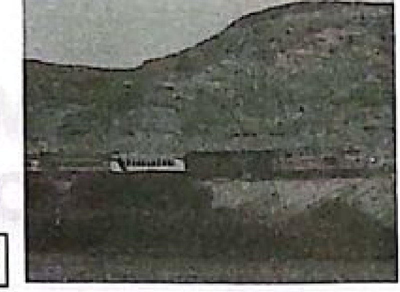
make never meet never sail
not play tell ~~travel~~

1 Waleed has traveled by bus, taxi, and train.
2 My uncle ___ us about his trip to Cairo.
3 Grandma ___ *ful medames* for dinner.
4 We ___ on a boat in the Red Sea.
5 Aya ___ a famous person.
6 Amir and Fares ___ tennis before.



3 Complete the sentences so that they are true for you

1 I've ___
2 My friend has ___
3 My brother / sister has never ___





4 Write questions and short answers

1 Fares / ever travel / by train? ✗

Has Fares ever traveled by train? No, he hasn't.

2 Youssef and Wael / see / an elephant? ✗

____

3 Mom / ever make / fesikh for Sham El-Nessim? ✓

____

4 Yara / visit / Cairo? ✗

____

5 they / ever visit / another country? ✓

____

6 you / eat / *saydeya*? ✓

____

5 Complete the text with the present perfect or past simple form of the verbs in brackets. Listen and check

Reem and Ahmed are going to Luxor on holiday with their parents this year. They [1] haven't visited (not / visit) Luxor before and they're very excited. They're going to travel to Luxor from Cairo.

It isn't the first time they [2] __________ (travel) somewhere. They [3] __________ (go) to Jordan two years ago.

On Tuesday, Reem's father [4] __________ (see) an article about a boat trip along the Nile on the internet. Yesterday, they [5] __________ (decide) they would like to go on it. The trip lasts four days and the boat goes to Aswan. Reem's mom wants to go to the traditional market in Aswan. "I [6] __________ (never / sail) on a boat before," said Reem. "I'm really excited."



6 Answer the questions about yourself

1 Have you ever traveled to Luxor? __________

If yes, when did you go? __________

2 Have you ever sailed on a boat on the Nile? __________

If yes, what was it like? __________

3 Have you ever visited a traditional market? __________

If yes, what did you see? __________

UNIT 2

LESSON 3 MAN-MADE WONDERS OF AFRICA

1 Look and choose the correct answer, *a* or *b*

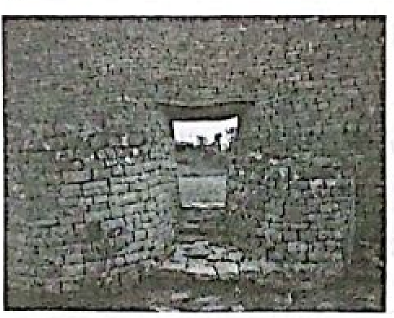
1



a Pyramids of Giza, Egypt


b paintings in a cave, North Africa

2



a ruins of Great Zimbabwe, Zimbabwe

b the Afrikaans Language Monument, South Africa

3



a the Valley of the Kings, Egypt

b The Canopy Walk, Rwanda

2 Match the questions and answers

1 In which country are the Sphinx and the temples of Abu Simbel?

2 What can you see on rocks and inside some caves in North Africa?

3 How do archaeologists think that the Sahara Desert has changed?

4 When did people build the city of Great Zimbabwe?

5 What is the Afrikaans Language Monument made of?

6 In which countries do people speak the Afrikaans language?

7 What is special about the Canopy Walk in Nyungwe National Park in Rwanda?

a South Africa and Namibia

b They think it wasn't as dry in the past as it is now.

c Egypt

d stone columns

e paintings of animals and people

f It's 74 meters above the ground.

g between the 11th and 15th centuries



Read and circle *T* (True) or *F* (False). Correct the false sentences. Listen and check

1 The Fish River Canyon is in the desert in Namibia. T / F

____

2 It is the largest canyon in the world. T / F

____

3 It is more than 160 kilometers long and 500 meters deep. T / F

____

4 Wind has eroded the canyon. T / F

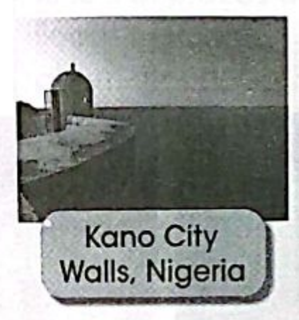
____

5 You can sometimes see zebras walking in the canyon. T / F

____



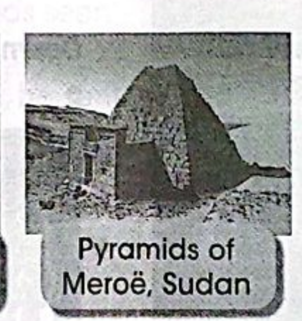
Choose one of these natural or man-made wonders of Africa. Do some research in books or on the internet. Write a short description in your notebook to share with the class



Kano City Walls, Nigeria



Okavango Delta, Botswana



Pyramids of Meroë, Sudan



Red Sea Coral Reef, Egypt

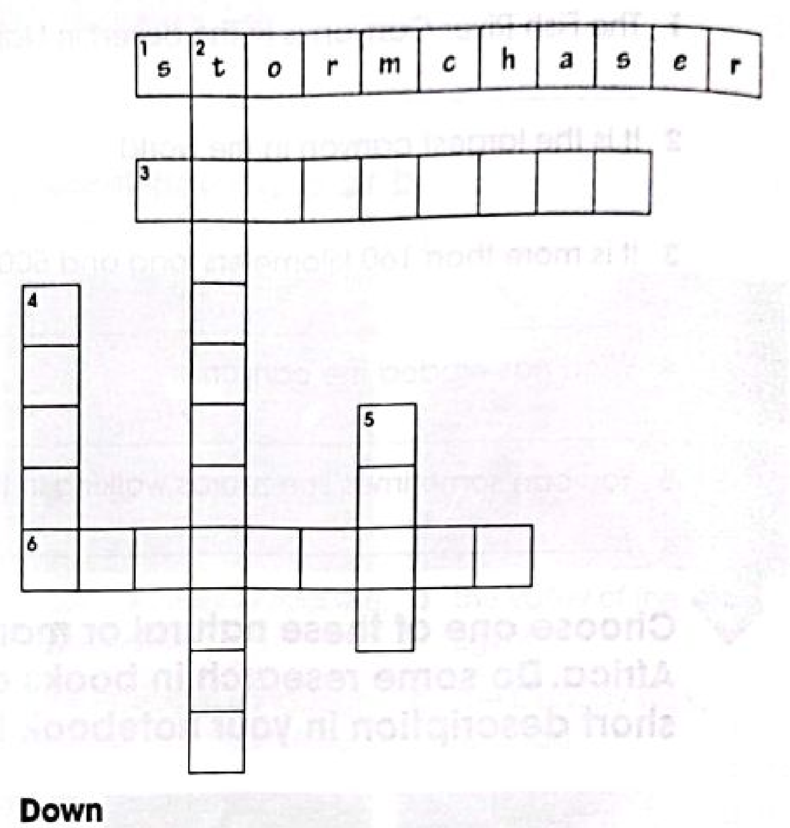
Think of these questions:

- Is it a natural or a man-made wonder?
- Who built it or what made it? How old is it? Where is it?
- What can you see there? (animals, fish, birds, buildings, monuments)
- How do you feel when you see it? (excited, happy, interested)
- What is unusual or special about it?



LESSON 4 STORY: THE STORM-CHASER

1 Do the crossword

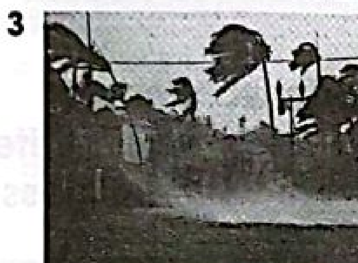


Across

1



3



6



Down

2

4



5



2 Complete the sentences with the words in the crossword

1 The storm-chaser followed the thunderstorm in his car.

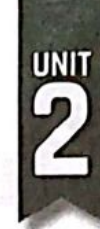
2 The ____________ was white and it looked like ice cream!

3 The ____________ was very noisy. The sky was black and it rained all the afternoon!

4 After the ____________, there was a lot of dust on my parents' new car.

5 During the ____________, there were winds of 150 km/h.

6 After two days of rain, there was a ____________ and there was water in the roads.



3 Complete the summary of the Student's Book story with the missing sentences

a He was very excited.

b He has seen amazing dust storms in the desert, too.

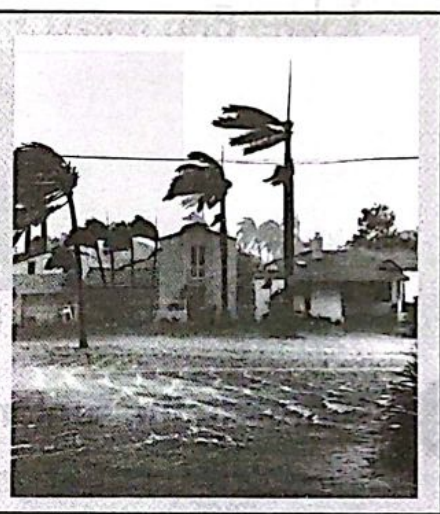
c He won first prize for photographers aged 10.

d Two years ago, Kamal and his parents flew to the USA where they could study hurricanes.

e Kamal stayed inside the car and took a lot of photos.

f He has taken hundreds of photos.

Kamal's parents are storm-chasers. They travel to places to study and photograph extreme weather. 1 __d__ This was the first time Kamal saw a hurricane. The wind was very strong and very loud. Kamal wasn't frightened. 2 ____ Kamal's parents got out of the car to study the hurricane. 3 ____ Since then, Kamal has been to lots of places with his parents. He has seen floods in Sudan. 4 ____. He has learned a lot about global warming. 5 ____ Last year, he sent his photos to an online competition. 6 ____.



4 Read again and write short answers

1 Has Kamal traveled to the USA?

Yes, he has.

2 Was Kamal frightened when he saw his first hurricane?

____

3 Have Kamal's parents been to Sudan?

____

4 Has Kamal been to the desert?

____

5 Did Kamal enter a writing competition last year?

____

6 Did Kamal win first prize for photographers for children?

____

UNIT 2

LESSON 5 VOLCANOES

1 Complete the words

1 l a v a

2 a__h

3 m__d f__ __w

4 e__ __ __t

5 s__ __l

2 Complete the sentences with the words in Exercise 1

1 The hot red lava __________ quickly came down the side of the volcano.
2 If the volcanoes __________, fire and rocks will come out of the top of them.
3 After three days of rain, a heavy __________ came down the side of the big mountain.
4 In a few months, the seeds we planted in the __________ will grow into small trees.
5 When the fire stopped burning, there was lots of __________ on the ground.

3 Complete the verses with the words that rhyme. There are two extra words. Listen and check

ash away below fire lava mud

Let me take you to the pretty island
of Java.
Where almost everything is made of
1 __________!
It comes from Java's volcanoes,
Which look down on the villages
2 __________.

When they erupt, there's ash and
3 __________,
Smoke fills the air, going higher and
higher,
The island people have to go
4 __________.
To a safe place where they can stay.

4 Find, circle, and write six words that rhyme with *volcanoes*. Listen and check

twogrowsthreegoessnowssoilgrownowawaynoseflowsknows

1 grows
2 ______
3 ______
4 ______
5 ______
6 ______

5 Match the words with the same sound. Listen and check

1 fire
2 thirty-nine
3 away
4 goes
5 look
6 blood

a online
b mud
c higher
d book
e stay
f flows

6 Read the poem and circle the rhyming words. Listen and check. Can you answer the question?

Have you ever seen a volcano?
Some say yes and some say [1] **yes / no**.

I don't live on the island of Java,
Where everything is made of [2] **lava / soil**.

I live in a rainforest, wet and [3] **cold / hot**,
Where it rains a lot, a lot.

I live up in the big tall [4] **grass / trees**,
High up in the canopy.

I'm not a bird and I can't fly,
But I live where it's very [5] **high / hot**.

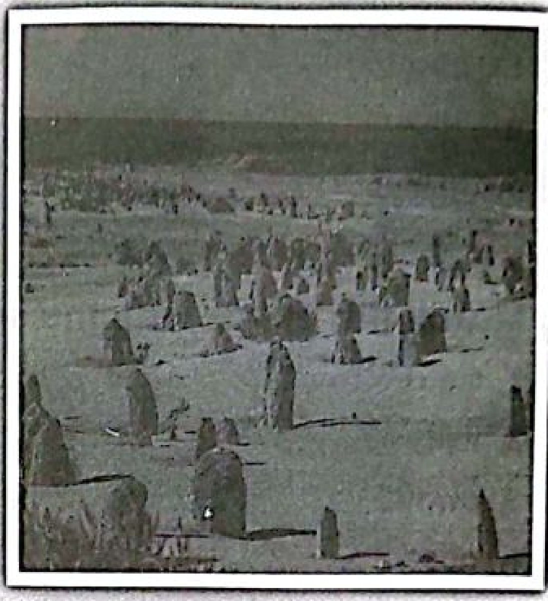
What am I? ______

UNIT 2

LESSON 6 WRITING A DESCRIPTION

1 **Read the description and answer the questions**

The Pinnacles



The Pinnacles are one of the most unusual geological formations in Western Australia. They are a group of tall white rocks in the Nambung National Park. The Pinnacles are 25,000 to 30,000 years old. They are made of white limestone which the rain and wind have eroded into different shapes. The tallest columns are between three and five meters high. If you want to visit the Pinnacles, the best time of day to see them is in the early morning or late afternoon. At these times, the sun makes them look orange against the yellow sand dunes of the desert. The best time of year to see them is between August and October when the desert is full of beautiful wild flowers! You can drive there from the city of Perth in two hours.

1 Where are the Pinnacles?

Nambung National Park in Western Australia

2 How old are they?

____

3 How high are the tallest columns?

____

4 What are they made of?

____

5 When is the best time of day to see them? Why?

____

6 When is the best time of year to see them? Why?

____



2 Complete the table

Name	The Pinnacles
Location	Nambung National Park in Western Australia
Age	
Size/Shape	
Made of	
Eroded by	
When to visit	
How to get there	



3 Choose a place from the box and do some research. Use books or the internet and complete the table

The White Desert, Egypt   Gibson Steps, Australia
Shilin Stone Forest, China

Name	
Location	
Age	
Size/Shape	
Made of	
Eroded by	
When to visit	
How to get there	



4 Use the information in Exercise 3 to write a description of your geological formation in your notebook. Write 40 - 50 words

- Remember: To introduce the topic, start the first sentence with the name of your geological formation, and say why it is important or special. For example, *The Pinnacles is one of the most unusual geological formations in Western Australia.*
- Find or draw a picture.
- Use the text in Exercise 1 as a model.



UNIT 2

LESSON 7 STORY: A BALLOON RIDE

1 Read the summary of the story. Find and underline six mistakes

Mariam loved watching animals. She wanted to see what they see. One day, Mariam's dad came home. He had tickets for the Luxor airplane festival. Mariam was very excited. When the day arrived, Mariam and her family went to the festival. Mariam was with her parents when she saw a tall woman. Something fell. It was a photograph. Mariam picked it up because she wanted to give it back.

"Thank you," said the pilot. "Would you like to have a ride?" Mariam's family was very excited and they climbed into the airplane. Soon, they were flying over the beautiful city of Cairo. They saw the sandy deserts, palm trees, dunes, and mountains. They flew over enormous statues and beautiful temples. They saw the Nile. Everything was quiet, and the houses, cars, and boats were tiny.



2 Correct the mistakes you found in Exercise 1

1 Mariam loved watching birds.
2 ______
3 ______
4 ______
5 ______
6 ______

3 Who said it? Circle the correct names

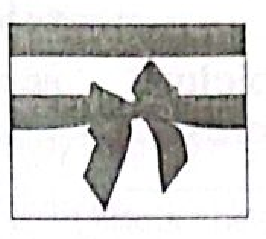
1 "I would love to fly." (Mariam) / Mom
2 "Look! I've got tickets for the Luxor hot air balloon festival!" Mom / Dad
3 "Oh, no! It's his diary. It's about everywhere he's been." Mom / Mariam
4 "Hello! Did you drop this book?" Mariam / Dad
5 "I want to thank you – would you like to have a ride?" Dad / the pilot
6 "It's perfect weather today, with no rain and a gentle wind." the pilot / Mariam
7 "Now I know what it's like to be a bird!" Mariam / the pilot

4 Match the words with the pictures

basket ~~diary~~ flame ribbon

1 diary

2  ______

3  ______

4  ______



5 Answer the question

Why does the writer say the Nile looked like a silver ribbon?

______

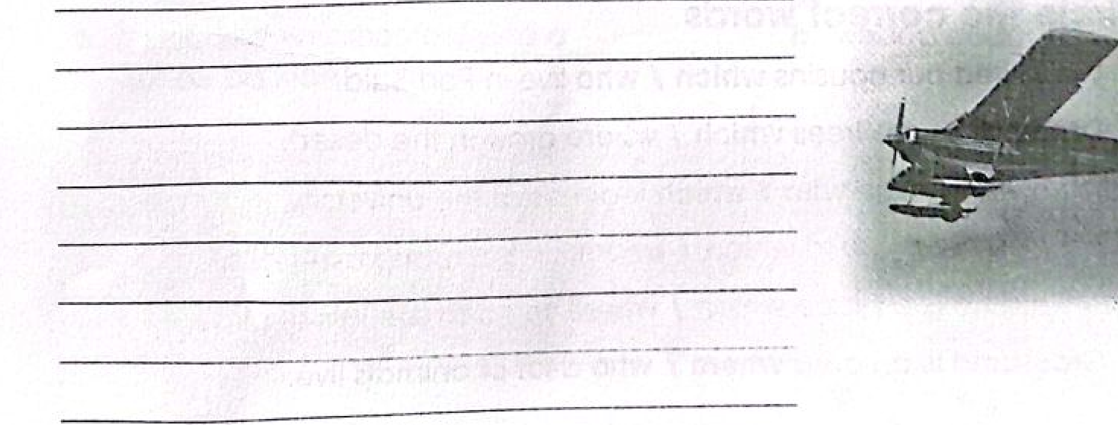
______

6 Write a diary entry about a flight in a small airplane. Use descriptive language and some of these word. Write 40 - 50 words

Nouns
animals cities mountains an oasis palm trees sand villages

Adjectives
beautiful dry empty enormous flat gentle gold long sandy silver tall tiny

- What is the weather like?
- What can you see?
- What do things look like?
- How do you feel?





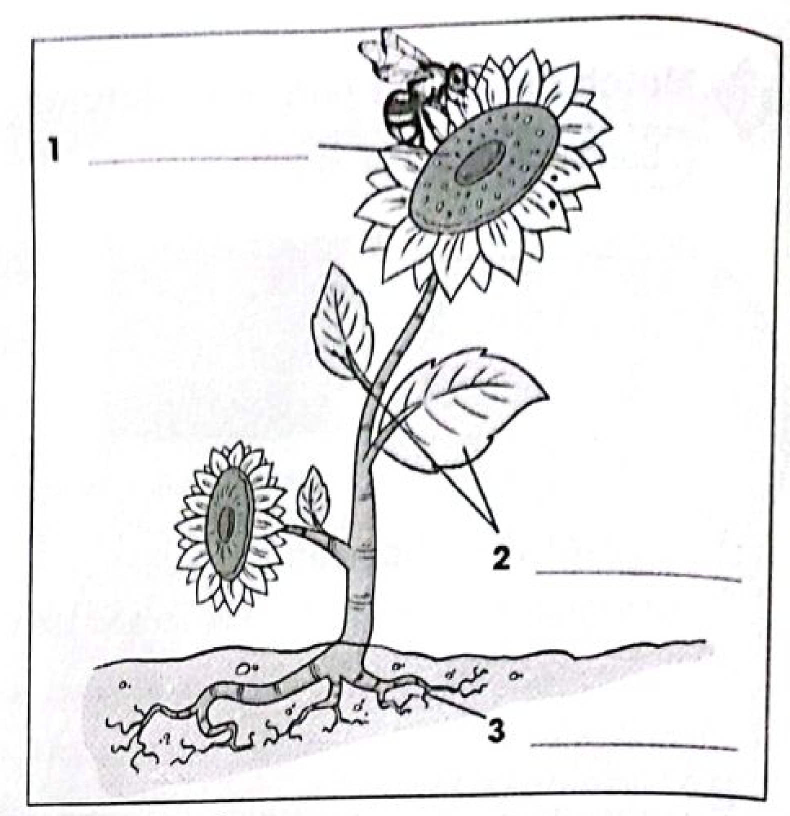
REVIEW 1

LESSON 1

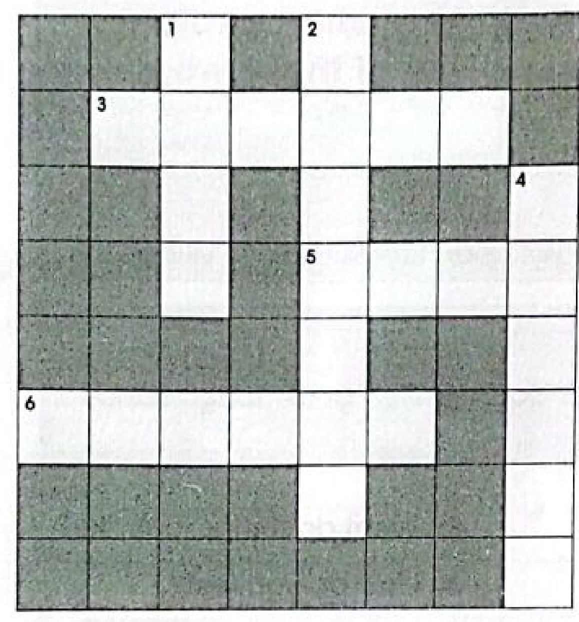


1 Label the picture with the words

leaves pollen roots



2 Do the crossword



Across

3 a large area of trees

5 a hot liquid rock that comes out of volcanoes

6 an ecosystem of seas and oceans

Down

1 the top part of the Earth in which plants grow

2 an area of land which is often covered by water

4 the part of a hot-air balloon which people can stand in

3 Circle the correct words

1 We visited our cousins **which / who** live in Port Said.

2 Date palms are trees **which / where** grow in the desert.

3 I know a woman **who / which** teaches at the university.

4 A kingfisher is a bird **which / where** lives in mangrove trees.

5 A wetland is a place **which / where** you can see lots of birds.

6 Grassland is an area **where / who** a lot of animals live.





4 Write the words to complete the sentences. Listen and check

1 You can see water in roads and houses when there is a __________ (dfloo).
2 There are living and non-living things in an __________ (yssecotem).
3 __________ (raerties) move blood away from the heart around the body.
4 A __________ (avllye) is an area of land between two mountains.
5 When a volcano __________ (pteurs), it produces hot rock.

5 Complete the sentences with the correct word. There are two extra words

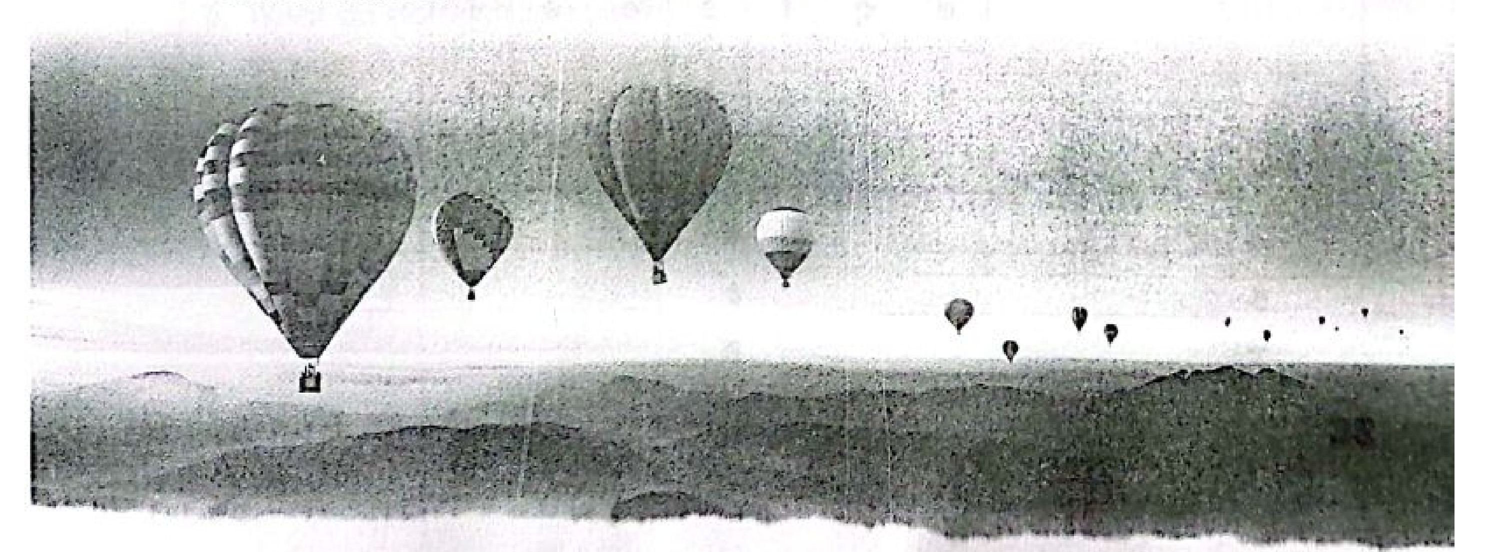
beautiful   luck   lucky   patience   patient   success

1 I think the school concert will be a big __________.
2 Tarek is helping his little brother. He is very __________ with him.
3 The colorful birds in that tree are very __________.
4 The photographer had no __________ this morning. She didn't see a lion.

6 Match the sentence halves

1 A wadi is an ecosystem
2 My cousin's goal is to
3 It might be cold today, so
4 I like tennis,
5 Mona has never
6 Tarek's parents visited a restaurant and they
7 Rainbow Bridge is one of the largest
8 It's perfect weather for flying a hot-air balloon,

a eaten fish soup.
b ate chicken and rice.
c natural arches in the world.
d with no rain and a gentle wind.
e which is normally dry.
f but I don't like basketball.
g be a successful doctor.
h wear a coat.





LESSON 2



Circle the correct words

The Best Places to Swim in Egypt by Fares Mohamed



I've just come back from a trip to an amazing marine park where I saw many beautiful things. I think you [1] **must / will** love Shaab Sabina near Hurghada. It is one of the most beautiful coral reefs I [2] **see / have seen**. This coral reef is full of fish and marine animals. You [3] **can't / will** see many different species of colorful fish and beautiful coral. If you're lucky, you [4] **might / must** see turtles and sharks! Don't worry, these sharks aren't dangerous. But please remember - you [5] **won't / can't** walk on the coral, because this kills it. We [6] **must / can't** try to protect the coral reefs for everyone to enjoy.



Find and circle eight verbs. Then write the past participles

t	r	a	v	e	l	x
m	e	d	e	a	t	u
a	f	z	w	m	p	t
k	d	o	l	e	g	e
e	q	t	s	e	e	l
v	i	s	i	t	a	l

1 ___traveled___ 2 ______________

3 ______________ 4 ______________

5 ______________ 6 ______________

7 ______________ 8 ______________





3 Complete the text with the words in the box. Listen and check

Archaeologists man-made natural volcano world

The Great Pyramid is [1] ____________, which means that people made it. [2] ____________ can learn a lot about history from buildings like this. We can also learn a lot from [3] ____________ wonders of the [4] ____________ such as the Ngorongoro Crater. For example, we know this was once a [5] ____________ which erupted millions of years ago.

4 Find, circle, and write four types of extreme weather



1 ____________ 2 ____________ 3 ____________ 4 ____________

5 Do the quiz. Choose the correct answers, *a*, *b*, or *c*

QUIZ

1 What do veins and arteries carry?
  a blood **b** water **c** sunlight
2 What should you do to keep your heart healthy?
  a sleep a lot **b** watch TV **c** do exercise
3 Where can you find dugongs?
  a Amazon rainforest **b** mangrove forests **c** deserts
4 What is a cough?
  a an animal **b** an illness **c** a type of weather
5 What is the Victoria Falls?
  a a river **b** a waterfall **c** a crater
6 What do storm-chasers do?
  a write stories **b** study volcanoes **c** study extreme weather



6 Write a quiz question. Can your partner answer it?

____

NON-FICTION READER INCREDIBLE PLACES AROUND THE WORLD



1 Match the names with the photos

1 Sharm El Luli, Marsa Alam

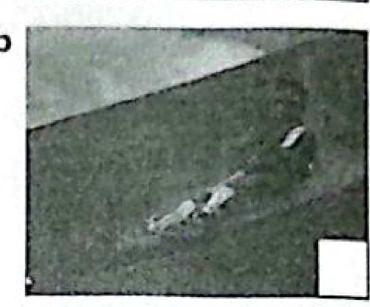
2 The Matterhorn, Switzerland

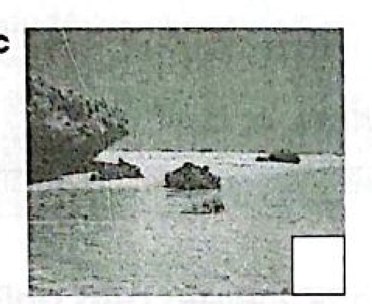
3 Cerro Negro, Nicaragua, South America

4 Waimea Canyon, Hawaii, USA

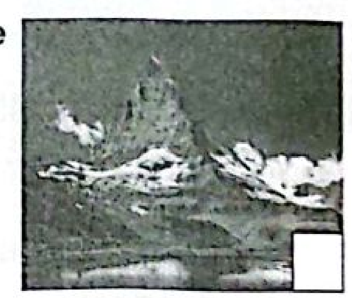
5 The Giant's Causeway, Northern Ireland

a


b


c


d


e


2 Complete the descriptions of the places in Exercise 1 with the words in the box. Then write the name of each place

canyon columns ~~Divers~~ sides surf

1 Divers __________ love going here because you can see many colorful fish in its clean blue waters. Sharm El Luli, Marsa Alam

2 When a volcano erupted 50-60 million years ago, it created 40,000 tall, black __________ made of rock. __________

3 This mountain has four __________ and it is shaped like a pyramid. About 3,000 people climb in every year. __________

4 A river has eroded this __________ which is 16 kilometers long and nearly 1,000 meters deep. __________

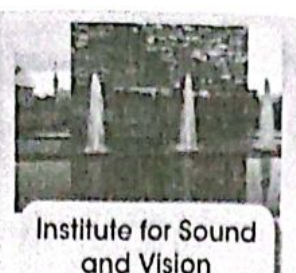
5 This volcano hasn't erupted for 20 years. Today, people climb to the top and then they __________ down it. __________



Do the quiz



Bibliotheca Alexandrina



Institute for Sound and Vision



Habitat 67



Beijing National Stadium

1 Which building is made of hundreds of pieces of colored glass?

____

2 Which place is also called the Bird's Nest?

____

3 Where are the Habitat 67 apartment buildings?

____

4 Which building is the same shape as a harbor?

____

5 Which building was built for the 2008 Olympic Games?

____

6 Which building was built in 1967 and has lots of terraces?

____

7 Where can you learn about television and social media?

____

8 Which building has writing from different languages on a high wall?

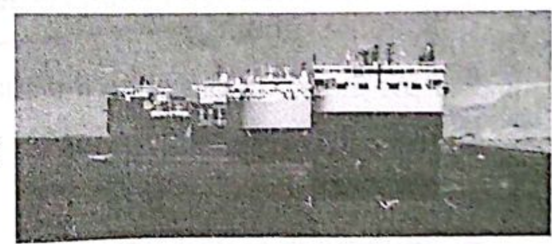
____



Work in pairs. Do some research in books or on the internet. Find out about one of these natural or man-made places and answer the questions

Suez Canal, Egypt | Blue Lagoon, Iceland | Cave of Altamira, Spain | The Great Barrier Reef, Australia | Danyang-Kunshan Grand Bridge, China

- What / Where is it?
- How old / big / long / wide is it?
- What can you see, do, or learn there?
- What is special about it?



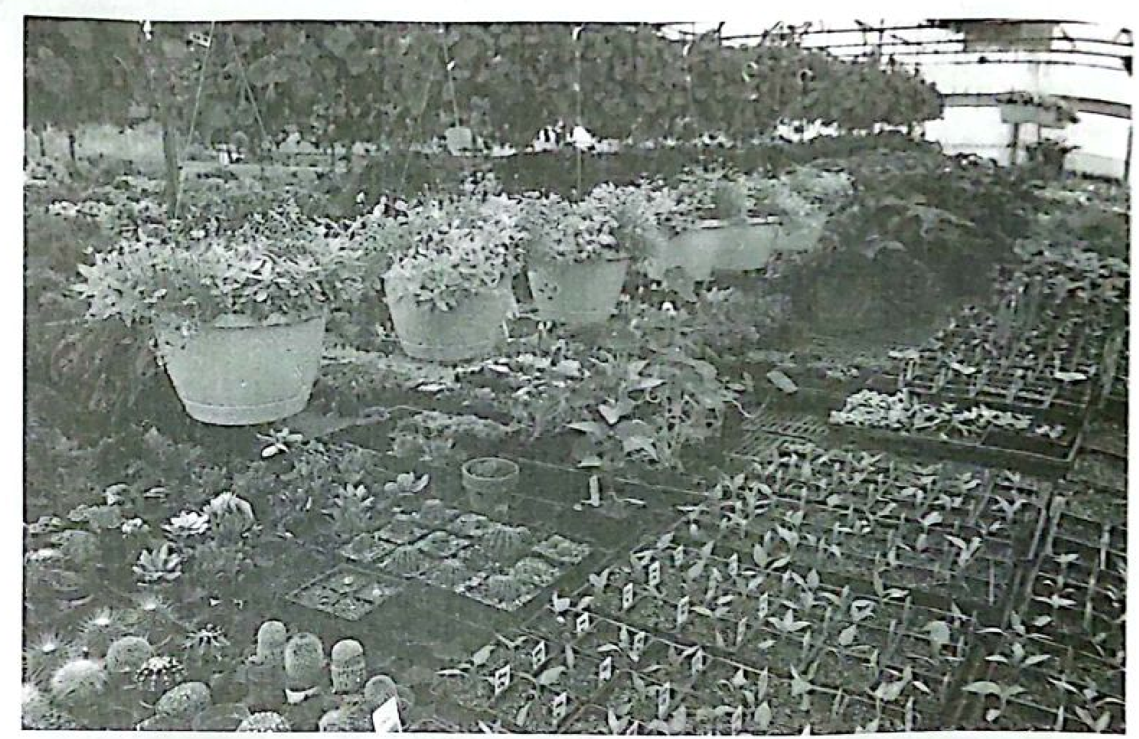


Share your information with the class

UNIT 3 HOW WE USE OUR WORLD

LESSON 1 WHAT CAN WE DO WITH NATURAL RESOURCES?

1 Check (✓) the things that are natural resources



1	plants	✓	2	water	☐	3	tables	☐
4	candy	☐	5	wind	☐	6	wood	☐
7	soil	☐	8	toys	☐	9	stone	☐
10	metal	☐	11	clothes	☐	12	the sun	☐

2 Match the sentence halves

1 Raw materials are things that come from the ground — c
2 Raw materials are often the same
3 The sun is a natural resource because
4 Renewable energy means
5 Non-renewable energy means

a as natural resources.
b we can get more after we use it.
c like gold or coal.
d we can't use it again.
e it gives us solar energy to make electricity.



3 Complete the sentences with the words in the box

boil	freeze	gas	liquid	melts	solid	~~state~~

1 Solids, liquids, and gases can change from one state ________ to another.

2 When you ____________ water, it turns to steam.

3 Water is a ____________.

4 If you ____________ water, it turns to ice.

5 Steam is a ____________.

6 When ice gets warm, it ____________ and turns to liquid.

7 Ice is a ____________.



4 Find, circle, and complete the table. Add more ideas

(bag)steammilknotebookorangejuicecloud

Solid	Liquid	Gas
bag		



5 Circle the correct words. Listen and check

1 You can pick up a (**solid**) / **liquid**.

2 A liquid and a **gas / solid** don't have a fixed shape.

3 A **liquid / solid** has a fixed shape.

4 A **liquid / solid** flows.

5 You can't usually see a **solid / gas**.



LESSON 2 LANGUAGE

1 Reorder the letters and write the words

1 dig ________ (gid)

2 ________ (leskonet)

3 ________ (volhse)

4 ________ (loeh)

5 ________ (nosuriad)

2 Read the play again, and check (✓) the characters

Dad	✓	Donia	☐	Grandma	☐
Grandpa	☐	Mom	☐	Tarek	☐

3 Read and circle the correct words

1 Tarek and Donia are going to the mountains with **Grandpa / Dad**

2 When Grandpa was a boy, people said there were dinosaur bones in the **desert / mountains**.

3 Tarek wants to take a **shovel / bag** and look for them.

4 If they found a lot of dinosaur bones, Donia would give one to **Mom / Grandpa**.

5 If they found dinosaur bones, Tarek would call **the museum / his school**.

6 If the archaeologists came, maybe they would find a whole **shovel / skeleton**.

7 If they go to the Egyptian Geological Museum, they'll see a **real dinosaur / dinosaur skeleton**.

4 Read the descriptions a and b. Then read the sentences below and write *a* or *b*

> **a** These events will probably happen.
> **b** We imagine these events, but they probably won't happen.

1 If I found a phone on the ground, I would take it to the police. b
2 If I visit my grandparents on the weekend, I'll take them a present. ___
3 I'll play games with my friends if I see them in the park today. ___
4 If I met a famous person, I wouldn't know what to say. ___
5 I'd miss my friends if my family moved to a new city. ___
6 If we go to the shopping mall on Saturday, I'll buy a new book. ___

5 Complete the sentences with the correct form of the verbs in brackets

1 If I had ___ (have) a lot of money, I would build a home for animals.
2 If I visited Cairo, I ___ (go) to the Egyptian Geological Museum.
3 I ___ (buy) a present for my mom if we went to the store.
4 If we stayed in Hurghada on vacation, I ___ (swim) every day.
5 I would visit my friend every day if she ___ (be) in hospital.
6 If I flew in a hot air balloon, I ___ (not be) frightened.

6 Complete the sentences with your own ideas

1 If I had 1,000 LE, I wouldn't spend it all on chocolate ___.
2 We would have a great vacation if ___.
3 ___ if we had a ball.
4 I'd have an ice cream if ___
___.
5 ___ if it was my friend's birthday today.
6 If it was very hot outside, ___
___.



LESSON 3 RESOURCES IN ANCIENT EGYPT

1 Read and match the sentences a–e with the texts about natural resources in ancient Egypt

- **a** They found it in rivers and they had mines to get it from under the ground.
- **b** ~~People also used it to make rope and to make linen for clothes.~~
- **c** Boats transported some of them along the Nile to the important cities.
- **d** People made it into tools, knives, and cooking pots.
- **e** They used it to keep food fresh, and it was useful in medicine and agriculture.



1 Flax is a tall plant with blue flowers. People used it in agriculture. [b]



2 The ancient Egyptians took salt from some of the lakes in the Nile Delta. They sold this resource to other countries. [ ]



3 The ancient Egyptians used gold to make jewelry and beautiful objects. [ ]



4 Copper is a soft metal that is easy to bend. [ ]



5 People used stones and rocks to make buildings including temples and the pyramids. [ ]



2 Read the text and answer the questions



People kept bees to make honey in ancient Egypt over 4,500 years ago. Honey was an expensive but important natural resource. Everyone liked it because you could use it for many different things. People used it to make food taste sweet. They used it as a medicine, too. If you cut yourself, you could put honey on the cut.

People made long, round houses out of clay for the bees. Then they put the clay bee houses, called hives, on top of each other in the shape of a pyramid. Every few months, they moved the hives along the Nile in boats so that the bees could find new flowers.

1 How long ago did people keep bees in ancient Egypt?

4,500 years ago.

2 Who liked honey in ancient Egypt?

3 Why did people use honey with food?

4 How did people use honey as a medicine?

5 What did people make the hives out of?

6 Why do you think people wanted the bees to find new flowers?



3 Choose one of these natural resources from ancient Egypt. Do some research and write information about it. Use a dictionary to help you. Think of these questions

- How long ago did people use it/them?
- Who used it/them?
- What did they use it/them for?
- How or where did they find or grow it/them?

dates
papyrus
reeds
wood

UNIT 3

LESSON 4 MONA'S AMAZING COUSIN

1 Find, circle, and write the words

1 This describes a person who can't see. blind

2 This is the smell of something. ____________

3 This is the feel of something. ____________

4 This is how an elephant's leg feels. ____________

5 This is how glue feels. ____________

6 This is how a soft couch feels to sit on. ____________

7 This describes how heavy something is. ____________

c	t	e	x	t	u	r	e
o	u	z	c	b	w	m	q
m	x	r	o	u	g	h	f
f	v	e	h	j	k	s	f
o	b	t	o	d	o	r	b
r	w	l	a	q	d	f	j
t	s	t	i	c	k	y	m
a	i	l	o	n	p	c	a
b	r	j	a	n	d	x	s
l	r	y	u	j	g	d	s
e	d	k	y	r	u	e	d

2 Look and write *hard* or *soft*

1 hard

2 ____________

3 ____________

4 ____________

3 Complete the table with these words (you can use words more than once)

a bed glue honey old cheese an elephant a really big rock

sticky	has a bad odor	rough	has a large mass	comfortable





4 Match the descriptions with the words in the box

~~a chair~~ an ice cream olive oil oxygen milk steam

1 It's a solid. It's hard. It's made of wood. You can't bend it. You can sit on it.
a chair ______________

2 It's a gas. It's in the air. It doesn't have a color. People need this.
____

3 It's a solid. It's soft. You eat it. It's very cold. If it gets warm, it melts.
____

4 It's a liquid. It's yellow. You can pour it onto food or you can cook with it.
____

5 It's a gas. It has no color, and it's hot. You see it when you boil water.
____

6 It's a liquid. It's white. You drink it or cook with it. You can add it to coffee.
____



5 Look and answer the questions

a



1 Is it a solid or a liquid? a solid
2 What color is it? ______________
3 Does it have an odor? ______________
4 Is it hard or soft? ______________
5 What kind of texture does it have? ______________

b



1 Is it a liquid or a gas? ______________
2 What color is it? ______________
3 Does it have an odor? ______________
4 Is it hard or soft? ______________
5 What kind of texture does it have? ______________

6 Now write a description of a strawberry or honey

____

____

____

____

UNIT 3

LESSON 5 A SCIENCE EXPERIMENT

1 Read and circle the correct words

1 maple syrup / milk

2 water / dish detergent

3 milk / vegetable oil

4 water / maple syrup

5 milk / honey

6 vegetable oil / honey

2 Read and answer

1 Which is thicker: milk or maple syrup? maple syrup

2 Which is stickier: honey or vegetable oil? ____________

3 Which is heavier: water or dish detergent? ____________

3 Look and write to show what students add for the experiment

dish detergent ~~honey~~ maple syrup milk vegetable oil water

1 honey

2 ____________

3 ____________

4 ____________

5 ____________

6 ____________

4 Look at Exercise 3 again. Read and write *yes* or *no*

In the experiment, ...

1. do all the liquids mix together? ___no___
2. do some liquids float on top of other liquids? ________
3. is honey heavier than dish detergent? ________
4. is water the top layer of liquid? ________
5. do liquids all have the same mass? ________
6. does vegetable oil have the lowest mass? ________



5 Number the objects from the lightest (*1*) to the heaviest (*4*)

a



☐

b



☐

c



1

d



☐

6 Read and choose the correct answer, *a* or *b*. Listen and check

1 Which object sinks through all the liquids to the bottom?

a a ping pong ball **b** a coin

2 Why does it go to the bottom?

a It has the most mass. **b** It has the least mass.

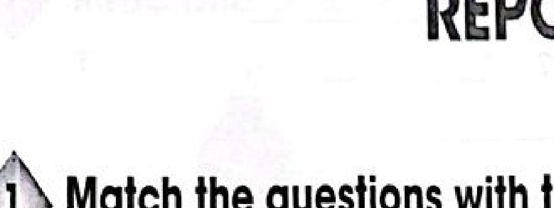
3 Which object floats on the vegetable oil?

a a ping pong ball **b** a coin

4 Why does it float?

a It has the most mass. **b** It has the least mass.

UNIT 3



LESSON 6 WRITING A REPORT





1 Match the questions with the answers

1 When did Wael visit the waterfalls at Wadi El Rayan?
2 How many lakes are there at Wadi El Rayan?
3 Where does the water come from?
4 How does the water travel to the waterfalls?
5 What kind of birds live around the waterfalls?
6 Where did Wael and his class go swimming?

a An oasis in the desert
b Flamingoes
c Last week
d In the bottom lake
e Through a tunnel
f Two

2 Use books and the internet to do research. Answer the questions

1 Where in Egypt is Wadi El Rayan?

____

2 How big is the Wadi El Rayan valley?

____

3 What animals might you see there?

____

4 What else can you see there?

____

____



Listen to and read Gameela's report about Damietta. How many natural resources does she write about?

Damietta *A report by Gameela Hassan*



Damietta is a city on the Mediterranean coast of Egypt. It has a long, beautiful **coastline** and many people like to go there on vacation. Ras El-Bar Island is one of the most popular places to stay there. There are also many beautiful gardens and **orchards** to see. Orchards are places where fruit trees are grown. Damietta is also a busy port and an important fishing center. It has the largest number of fishing boats in Egypt. It is an important place for agriculture, too. Agriculture is the practice of farming. Crops such as rice, fruit, cotton, and date palm trees are grown here for the Egyptian people and also to sell to other countries. Damietta is a busy city with a famous history but it is also a beautiful, modern city. I'd really like to visit Damietta one day.



Read again and choose the correct answers *a* or *b*. Listen and check

1 Damietta is a city on ...
  a the Mediterranean coast. b the Red Sea.
2 It has the largest number of ... in Egypt.
  a fishing boats. b modern buildings.
3 It is an important place for agriculture, which is the practice of ...
  a fishing. b farming.
4 Crops which are grown there include ...
  a tea and coffee. b rice and fruit.
5 Gameela would like to ... Damietta.
  a visit b live in



Choose a place to write a report about. Use books and the internet to do research. Write 40 - 50 words

Think about these questions:

- Where is it?
- What can you do there?
- What can you see there?
- What is it famous for? (buildings, natural places, landmarks, etc.)

LESSON 7 LANGUAGE

1 Read and check ✓ the sentences that are direct speech

1 Reem turned around and spoke to Lara. ☐

2 The girls sat together, and they took out their pens and notebooks. ☐

3 "Today we're going to do a science experiment," said Mrs Hend. ✓

4 "OK," said Dina. "What do we need to do?" ☐

5 Lara looked at her notes. ☐

6 "Great, let's get started!" said Dina. ☐

2 Write the speech marks

1 What time is it? asked Tarek.

"What time is it?" asked Tarek.

2 Let's do a science experiment, said Samira.

____

3 Can you put a jug of water on the table, please? asked Mom.

____

4 I've finished my homework, said Walid.

____

5 Would you like to borrow my book? said Nahla.

____

6 We're going to the park, said Malek.

____

3 Circle the correct words

1 Omar said he **like** / **(liked)** reading comics.

2 Yasmine said she usually **had** / **have** fruit for breakfast.

3 Amir said Salma **could** / **can** play the piano.

4 Mohamed said he **will** / **would** walk to school.

5 Wael said he **is going to** / **was going to** play football.

6 Mom said it **is** / **was** cold and rainy.



4 Complete the sentences in direct speech

1 Maged said Yasser could ride a bike.
"Yasser ___can___ ride a bike," said Maged.

2 Mom said Dina loved animals.
"Dina ____________ animals," said Mom.

3 Heba said she was going to watch television.
"I ____________ going to watch television," said Heba.

4 Asser said he would be late for football practice.
"I ____________ be late for football practice," said Asser.

5 Nadine said she couldn't play the piano.
"I ____________ play the piano," said Nadine.

6 Injy said she liked drawing and painting.
"I ____________ drawing and painting," said Injy.

5 Rewrite the sentences in reported speech

1 "Dad is going to take Sayed to school," said Hossam.
Hossam said Dad was going to take Sayed to school.

2 "I like cooking with Mom," said Eman.
____

3 "I'll carry the shopping," said Sameh.
____

4 "Amany can speak English well," said Nashwa.
____

5 "Zahra is going to visit her cousins in Port Said," said Maggie.
____

6 "Mr Hassan works in Alexandria," said Shady.
____

6 Complete the sentences in reported speech so that they are true for you

1 This morning, my mom said she ____________________________

2 Today, my friend said ____________________________

3 When I got home yesterday, I said ____________________________

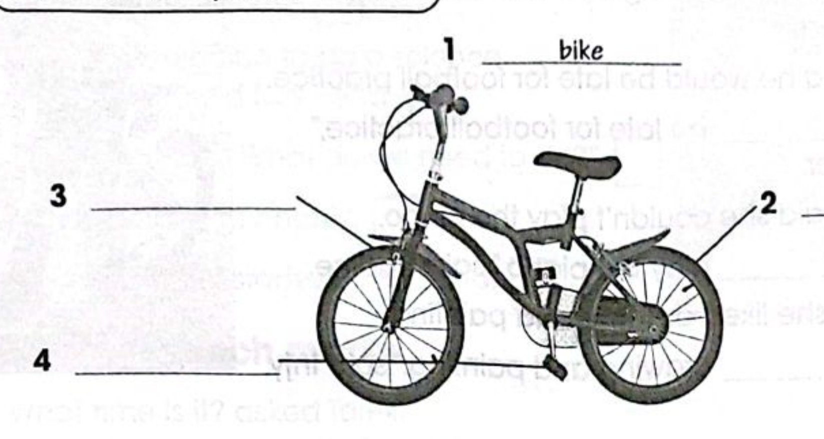


UNIT 4 WE'RE ON THE MOVE

LESSON 1 MY NEW BIKE

1 Label the photo with the words in the box

~~bike~~ brake pedal wheel



2 Read and circle the correct words

When Mazen is riding his bike, he uses a [1] **pull / push** force to move the pedals. When he wants to [2] **start / stop** the bike, he uses the brakes. The brakes slow down or stop the [3] **wheels / pedals.** If Mazen wants to increase his [4] **speed / brakes,** he must push more quickly. Then he will go faster. When he goes up a hill, he uses more [5] **push / pull** force. When he goes down the hill, the bike will go [6] **slower / faster.** So he must use the brakes. If Mazen cycles too slowly, the bike will [7] **fall over / stand up.** If Mazen falls over, Nabil will use a [8] **push / pull** force to help him stand up.





3 Read and answer for you

1 Have you ridden a bike before?

____

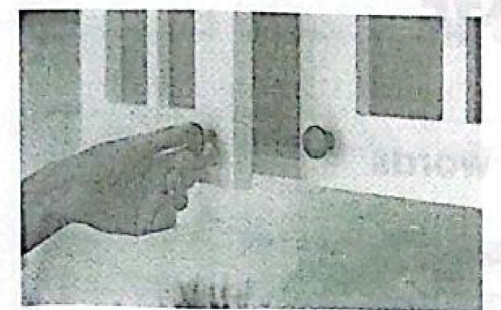
2 Who can ride a bike in your family?

____

3 Where are there safe places to ride bikes near your home?

____

4 Look and write the correct force: *push* or *pull*



1 open a cupboard pull



2 fly a kite ________



3 throw a basketball ________



4 kick a ball ________



5 put on socks ________

5 Read the text and look at the text in bold.

Which one describes ...

a ... a push force? ☐

b ... a pull force? ☐

c ... speed? ☐

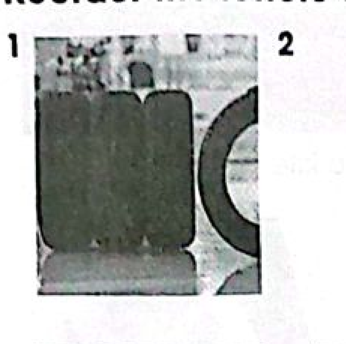
I usually get the bus to school, but Dad took me to school today. [1] **I opened the car door** and got in. Dad started the car and when we passed the park, the car was traveling at [2] **40 kilometers an hour**. It didn't take long to get to school. I thanked my dad, got out, and [3] **closed the car door**. I was early, so I had some time to talk to my friends. I like it when Dad takes me to school.




LESSON 2 LANGUAGE



1 Reorder the letters and write the words

1 
____
(resit)

2 
____
(grispn)

3 
____
(preo)

4 
____
(koho)

2 Complete the sentences with the words in the box

Air resistance ~~Friction~~ Gravity spring force tension

1 Friction________ between the bike tires and the road stops you from falling.

2 When you hang a bag on a hook, the bag creates a pull force called ________.

3 ________ works against an object as it moves through the air.

4 ________ happens when you press a spring and it gets smaller. The spring returns to its normal size when you take your finger off.

5 ________ is a force that pulls objects toward the Earth.

3 Read and circle the correct question tags

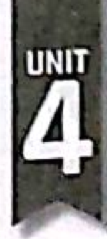


1 The children visited the science museum today, **didn't they / did they**?

2 People can see some interesting things there, **can they / can't they**?

3 Their teacher won't give them a lot of homework, **will he / won't he**?

4 The science museum isn't far from the city center, **isn't it / is it**?



4 Read and check ✓ the correct tenses

	Can	Present	Past	Future
1 Dad will help me with my homework, won't he?				✓
2 You live in Damietta, don't you?				
3 They can speak English, can't they?				
4 Hala went to the sports center, didn't she?				
5 Gameela won't be 10 years old this year, will she?				
6 Omar plays the piano, doesn't he?				
7 You can't ride a bike, can you?				
8 Ibrahim didn't forget his bag, did he?				

5 Complete the question tags with the words in the box

can't does did ~~isn't~~ will won't

1 Khalid's sister is 12 years old, ___isn't___ she?
2 Mr Hassan doesn't drive, __________ he?
3 I'll be in your class next year, __________ I?
4 Rania can play the guitar, __________ she?
5 We won't be late, __________ we?
6 Eman didn't go to the park, __________ she?

6 Complete the sentences with the correct form of the verbs in brackets. Then listen and check

1 There ___isn't___ (not be) any coffee in the cupboard, is there?
2 She __________ (not tell) me her name, did she?
3 You __________ (send) Grandpa an email, won't you?
4 We __________ (can make) dinner tonight, can't we?
5 It __________ (not be) hot tomorrow, will it?
6 Hamdi and his family __________ (travel) by boat, didn't they?

UNIT 4

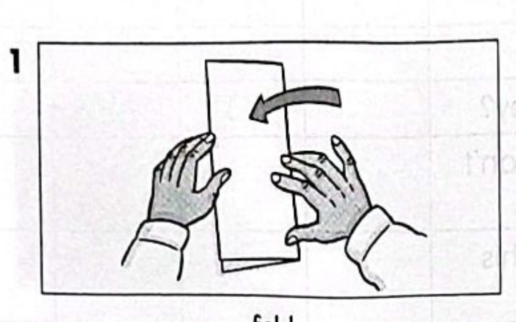
LESSON 3 PAPER AIRPLANES

foldcornercreasewing



1 Find, circle, and write the words

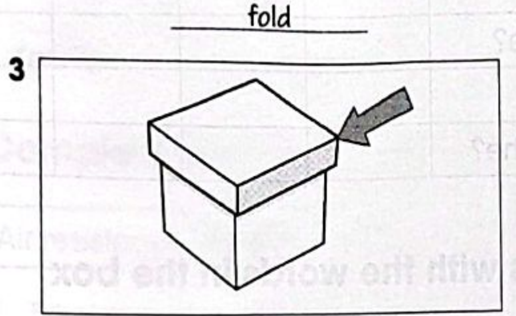
1



fold

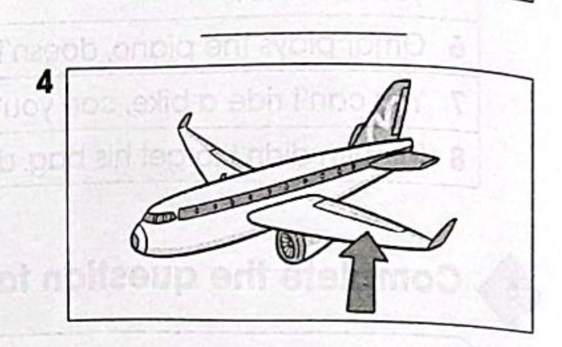
2

3



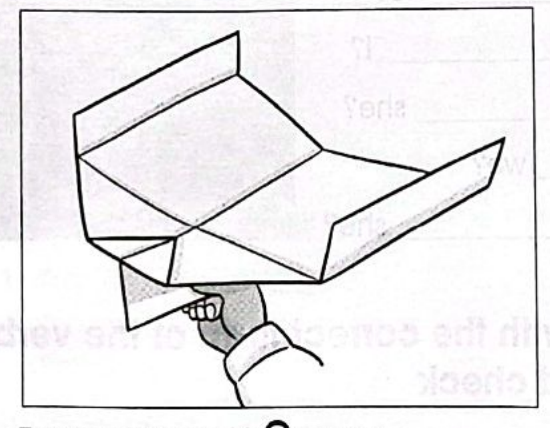
____

4



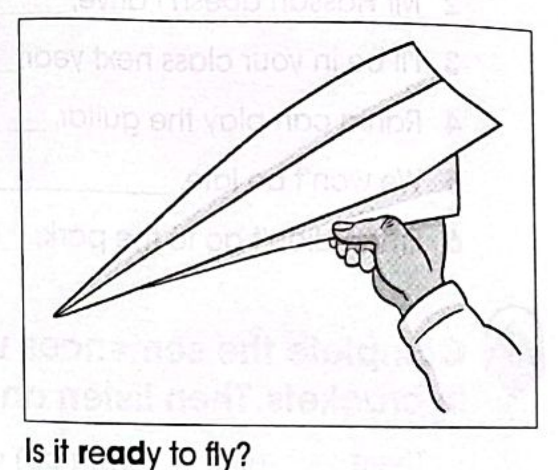
____

2 Read and write the names of two paper airplanes. Use the letters in bold



Do you like making paper airplanes? Yes, I do!

1 G _ _ _ _ _ _



Is it ready to fly? Yes, it is!

2 _ _ _ _ _

3 Complete the sentences with the airplane names

1 I think the __________________ will fly farther and faster.

2 I think the __________________ will stay in the air longer.





Match the pictures to the instructions for making the dart

a

b

c

d

e

1	Take a piece of paper. Fold it in half and crease it.	d
2	Open the paper. Fold the top two corners.	
3	Turn the paper over. Fold it in half and crease it.	
4	Fold one wing and crease the top of it. Then fold it and crease it again.	
5	Repeat step 4 on the other wing. Your dart is ready to fly.	



LESSON 4 GRANDPA'S SPECIAL SHOES



1 Read the summary of the story and underline eight mistakes

It was the year 2022 and Hady and Hoda's grandpa was visiting them. Grandpa was a pilot when he was younger. Grandpa showed them a pair of special shoes. Air resistance does not pull you to the ground when you wear these shoes. So you can fly!

Hady wanted to fly over the stadium to watch his favorite basketball team. Hoda wanted to fly over the desert.

Grandpa showed the children what to do. They had to hit their left foot with their right foot four times ... and then they could fly!

The children flew up into the air. They could move right or left by moving a leg to that side. If they put both arms above their head, they flew higher. If they put both arms down by their sides, they flew faster. After 10 minutes, they flew down to the ground. Hady and Hoda loved flying!



2 Correct the mistakes in Exercise 1

1 It was the year 2122 and Khalil and Hoda's grandpa was visiting them.

2 ____

3 ____

4 ____

5 ____

6 ____

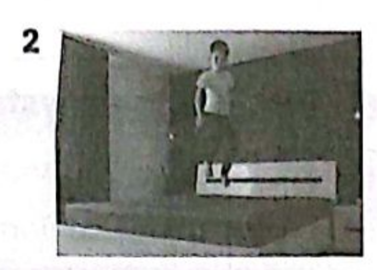
7 ____

8 ____



3 Complete the text with the words in the box. Listen and check

1 

2 

3 

air down force ground ~~Gravity~~ sun

[1] Gravity is what makes things fall to the [2] ________. It is the [3] ________ that makes leaves fall to the ground in fall and not float above the tree. When this boy jumps on the bed, gravity brings him [4] ________ and stops him floating up into the [5] ________. It is also the force that keeps the planets moving around the [6] ________.



4 Read and answer the questions

If there was no gravity, what would happen if ...

1 you poured water into a glass?

____

2 an apple fell from a tree?

____

3 you threw a tennis ball?

____



5 Use books or the internet to do some research. Then answer the questions

1 Is there gravity in space?

____

2 Is there gravity inside a space rocket in space?

____

3 How do astronauts move around inside a space rocket?

____

4 How do astronauts eat inside a space rocket?

____



LESSON 5 JOBS IN SCIENCE

1 Complete the puzzle. What is the mystery word in gray?

					1 p	i	l	o	t				
				2									
					3								
4													
				5									
		6											

1 This is a person who flies airplanes.

2 People in space do this because there is no gravity.

3 People can travel through the air on this.

4 This is a person who works in space.

5 Air ____________ helps planes to stay in the air.

6 This is something you can stand on and move along the ground fast.

The mystery word is ______________________



Write a clue for the mystery word

____



Match the sentence halves

1 Amal wants to be an astronaut

2 Amal would like to

3 Jana would like to be an engineer

4 To be an engineer, you need to know

5 Karim decided he wanted to be a pilot

6 Kamal visited a museum where he learned

a visit Mars one day.

b how friction and different forces make things move.

c some information about old cars.

d because she's interested in the stars and planets.

e so that she can make things like skateboards.

f when he went to an airplane festival.

4 Read the article about Sherif. Which languages can he speak?

____

Meet Sherif, 24, from Cairo. He's an engineer who has started his own company.

Sherif wanted to be an engineer when he was 10 years old. He always watched TV programs about robots, and he loved making things. When he was 13, he started helping a robot design company online. He did his school work in the day and in the evening he worked on his robot projects. This experience helped him to start his own company.

He said that the science and math lessons at school helped him to learn how to solve problems. He also found English very useful as it helps him work with people across the world. He is now learning Japanese so he can talk to people in Japan.

"For me, a job is about doing things which help other people around the world," he says.



5 Read the article again. Choose the correct answers, *a* or *b*

1\. When was Sherif first interested in robots?
   a when he was 10 | **b** when he was 13

2\. When did he work for a company online?
   a after he finished his school work | **b** during the day

3\. What did he learn at school which helped him in his job?
   a how to build robots | **b** how to solve problems

4\. What school subjects most helped him in his job?
   a math, English, and science | **b** Japanese

5\. What is he learning now to help him in his job?
   a how to be a teacher | **b** another language

6\. What does Sherif think is important in his job?
   a working with other people | **b** helping other people



LESSON 6 WRITING AN EMAIL



Complete the email with the words in the box

Bye for now | Finally | First | ~~Hello~~ | How are you | Then

From: Reem
To: Sherifa
Subject: Future job

[1] Hello Sherifa,

[2] __________? Are you having fun on vacation?

I'm thinking about the future and I've decided what I want to do. I want to be an architect and design buildings. I'm really interested in designing buildings with renewable resources. I think we need to design better buildings in the future.

I talked to my teachers about what I need to do.

[3] __________, I need to work hard at school, especially in subjects like math, physics, art, and design. [4] __________, I need to go to university and study architecture. At university, I'll learn how to design lots of different buildings.

[5] __________, I need to find a job as an architect. I want to work with people who design apartments to live in. I'm not interested in designing big hotels or offices. What do you think? Do you know what job you want to do in the future?

[6] __________!

Reem

2 Read again and complete the sentences

1 What does Reem want to be? — b
2 What is she interested in?
3 What subjects should she study?
4 What will she learn at university?
5 What isn't she interested in?

a how to design different buildings
b an architect
c designing big hotels or offices
d buildings with renewable resources
e math, physics, art, and design

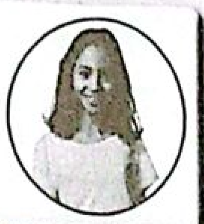


3 Read and choose the best job for each person. There are two jobs you do not need

doctor engineer ~~pilot~~ teacher web designer

"I want an exciting job. I enjoy traveling and I like visiting new places. I'd like to work as part of a team."

Sara pilot



"I have good computer skills. I love designing things, but I also enjoy writing. I want to study design at university."

Khaled ____________



"I'm interested in people's health and why people get sick. I like working with people and I think I'd like to work in medicine."

Dalida ____________





4 Choose a job from Exercise 3. Write some notes about the things you need to do to get this job in the future

I need to study ____________________________

____

I should read books about ____________________________

____

I should talk to ____________________________

____

I should go to ____________________________

____

5 Write an email of 40 - 50 words to a friend in your notebook. Use your notes from Exercise 4

- Begin your email with *Hi!* or *Hello*!
- Say what you want to do and why.
- Use sequencing words: *First, Then,* and *Finally* to order the information.
- Write two or three paragraphs.
- End your email with *Bye for now* or *See you soon.*



LESSON 7 THE FIRST MAN TO FLY

1 Do the crossword about Abbas Ibn Firnas

Down

1 Abbas Ibn Firnas was an inventor in the 9th century.

2 He wanted to fly and ______ safely on the ground.

3 He wasn't a ______ who built buildings.

Across

4 He ______ water clocks and other things.

5 He made two ______ to help him fly like a bird.

6 He used wood and ______ which birds have all over their bodies to make what he needed.

						1 i		2			
						n					
	3			4		v					
						e					
5						n					
						t					
						o					
6						r					

Abbas Ibn Firnas

2 Number the sentences from the story in the correct order. Listen and check

a Ali watched the man put the wings on his arms. [ ]

b The man told Ali he wanted to try and fly like a bird. [ ]

c The man wasn't happy because he didn't land on the ground correctly. [ ]

d One day, a young boy called Ali saw a man walking towards the old tower. [1]

e Later, Ali found out that the man was an inventor called Abbas Ibn Firnas. [ ]

f Ali asked the man what he was doing. [ ]

g Then the man jumped from the tower and flew slowly to the ground. [ ]

h The next day, the man was carrying two wings which were made of wood and feathers. [ ]





Read and answer the questions with your ideas. Use some of the words in the box. You can use a dictionary to help you

confused	excited	frightened	interested
nervous	patient	surprised	worried

1 How did Ali feel when the man told him he wanted to fly like a bird? Why?

____

2 How did the man feel before he jumped off the tower? Why?

____

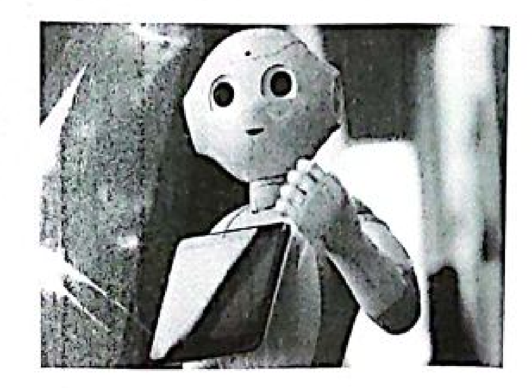
3 How did Ali feel when he saw the man jump off the tower? Why?

____



Choose two future inventions from the box. Write a few sentences about each invention. Think about these questions

robot helpers
plastic that is safe to heat
clothes that wash themselves
clocks that slow time
a second moon for our planet
phones that can talk to trees



- Why would you like to invent this?
- What would you do with it?
- How would it help people or the planet?

____

____

____

____

____

____

____

REVIEW 2

LESSON 1

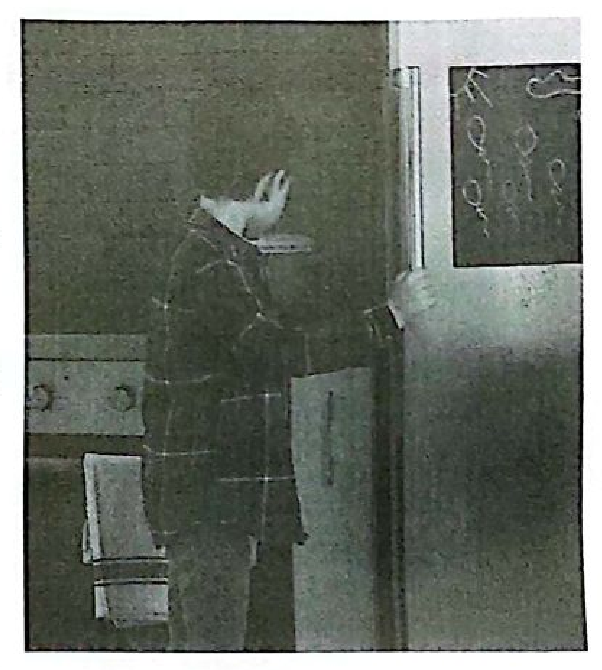


Match the words with the definitions

1	odor	a	to heat a liquid till it becomes gas or steam
2	melt	b	how fast things travel
3	freeze	c	what objects feel like
4	boil	d	what objects smell like
5	texture	e	when water turns into ice
6	speed	f	when a solid becomes a liquid



Circle the correct words



1. When you open the fridge door, you are using a **pull / push** force.
2. We can get **raw / pale** materials like gold and coal from under the ground.
3. Coal is **renewable / non-renewable** because you can only burn it once.
4. Solar energy is a **natural / man-made** resource.
5. Steam is a **liquid / gas**.
6. There is **more / less** friction when you walk on a carpet than on ice.



Find, circle, and write four physical properties

colormasstextureodor

1 ______________________ 3 ______________________

2 ______________________ 4 ______________________

4 Write the sentences in reported speech

1 "I like studying history," said Lina.
Lina said ______________________________.

2 "Basel can't ride a bike," said Fares.
Fares said ______________________________.

3 "I'm having lunch at a restaurant with a friend," said Dad.
Dad said ______________________________.

4 "I won't stay up late," said Salma.
Salma said ______________________________.

5 "I'm not hungry," said Grandpa.
Grandpa said ______________________________.

6 "I'm going to read my book," said Mom.
Mom said ______________________________.

5 Complete the second conditional sentences

1 If we *went* __________ (go) to an oasis, we *would see* __________ (see) plants and trees.

2 If it __________ (not be) hot and sunny in the desert, they __________ (not get) solar energy from there.

3 We __________ (have) cleaner air if we __________ (plant) more trees.

4 If my mom __________ (not be) a doctor, she __________ (not work) at the hospital.

5 It __________ (be) better if there __________ (not be) so much traffic in the city.

6 If Grandpa __________ (not live) on a farm, he __________ (not grow) beans and tomatoes.

Review 2

LESSON 2

1 Complete the question tags

1 Your mom can make lovely cakes, ____________________?

2 Wael won't be in the football team this year, ____________________?

3 You live on Tharwat street, ____________________?

4 Tarek didn't go to art club yesterday, ____________________?

5 Gameela and Mona are on the bus, ____________________?

6 Maged went to the Sinai Peninsula last summer, ____________________?

2 Read and circle *T* (True) or *F* (False). Correct the false sentences

1 Liquids have a fixed shape. T / (F)

Solids have a fixed shape.

2 Ice is water in solid form. T / F

____

3 When you boil water, it turns into a gas. T / F

____

4 Solids can flow like gases. T / F

____

5 Honey is soft and sticky. T / F

____

6 Some solids melt when you freeze them. T / F

____

3 Complete the words for natural resources. Listen and check

1 w _ t _ r   2 s _ l _   3 c _ _ l

4 g _ l _   5 m _ d   6 m _ t _ l



4 Complete the summary with the words in the box. Listen and check

feathers fly invented inventor land tower

Abbas Ibn Firnas was an [1] ____________. A long time ago, he [2] ____________ many things, including water clocks. He also made some wings from wood and [3] ____________. He then jumped from a [4] ____________ and flew to the ground, but he did not [5] ____________ well. Today, he is very famous because he was probably the first person ever to [6] ____________ using wings.

5 Circle the correct words



1 You can use **brakes / pedals** when you want a bike to stop or slow down.
2 The ancient Egyptians used **copper / salt** to keep food fresh.
3 Wind, water, and sunlight are **renewable / non-renewable** resources.
4 A glass window has a **rough / soft** texture.
5 Gold, silver, and iron are **gases / natural resources**.
6 You use a **push / pull** force to jump on a trampoline.

6 Complete the sentences with these jobs

astronaut engineer pilot

1 Judy wants to fly planes. She'd like to be a/an ____________.
2 Adam likes studying the planets. He wants to be a/an ____________.
3 Ali would like to help to build new bridges. He'd like to be a/an ____________.

7 What job would you like? Write two sentences like the ones in Exercise 6

____

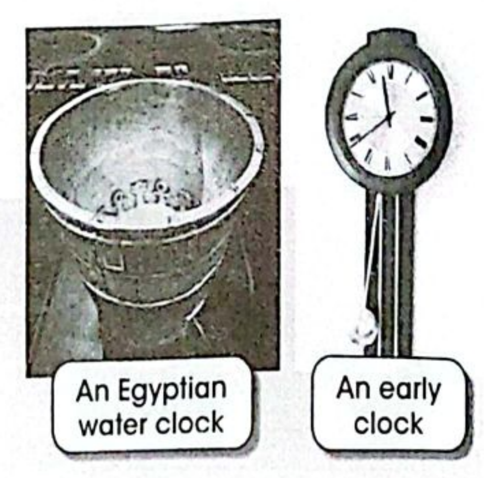
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PRESENTATION



Read about an invention. When did people first use clocks like the ones we use today?



An Egyptian water clock

An early clock

Abbas Ibn Firnas invented many things. One of his inventions was a form of water clock called *Al-Maqata*. When he lived in the ninth century, there were no watches or phones! People looked at the sun, moon, and stars to tell the time, but this didn't work inside buildings or on cloudy days. So, Abbas Ibn Firnas invented a different kind of clock. It didn't use the sun, moon, or stars – it used another natural resource – water!

So how do water clocks work? We know that water is a liquid, don't we? When you put water in a container, it doesn't move. But if there is a hole in the bottom of the container, gravity will make the liquid flow out of it. If you know how fast the water moves out of the container, you can measure time. For example, if it takes twelve hours for all the water to leave a container, it will be six o'clock when the container is half full.

Other people around the world invented water clocks like Abbas Ibn Firnas's clock. They were the best clocks for telling the time correctly for many years. Then, in 1656, a Dutch scientist called Christiaan Huygens invented the first modern clock. These new clocks became the best way to tell the time. But water clocks were very important for many years.



Read the article again and complete the fact file

FACT FILE

Name of invention: ....

Name of inventor: ....

When they invented it: ....

Why they invented it: ....

What materials or resources it used: ....

An interesting fact: ....

....



3 **Research another important invention. Use the information to complete the fact file**

FACT FILE

Name of invention: ____________________

Name of inventor: ____________________

When they invented it: ____________________

Why they invented it: ____________________

What materials or resources it used: ____________________

An interesting fact: ____________________

____

4 **Find a photo or draw a picture of your invention. Think about how the invention works**



5 **Work with a partner. Take turns to present information about your invention using your fact file and your picture**

Remember the following

1 Stand up to give your presentation.
2 Relax, smile, and say: *Hello. I'm going to talk about ...*
3 Speak slowly and clearly.
4 Ask if your partner has any questions.

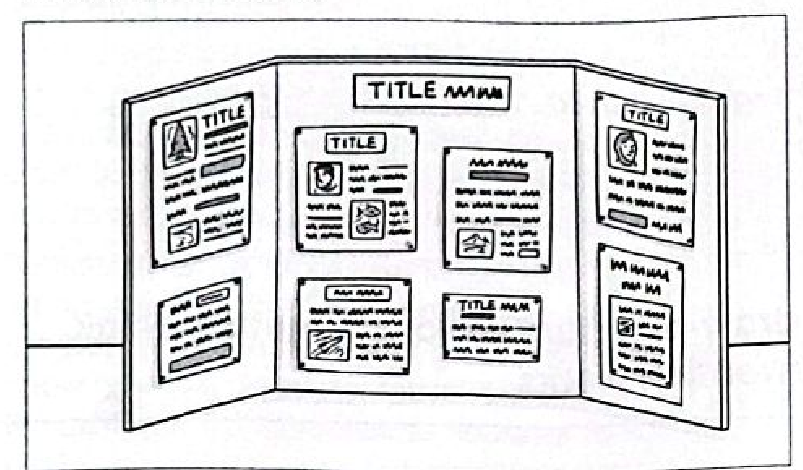


Review 2

PROJECT 2

THE IMPORTANCE OF THE NILE

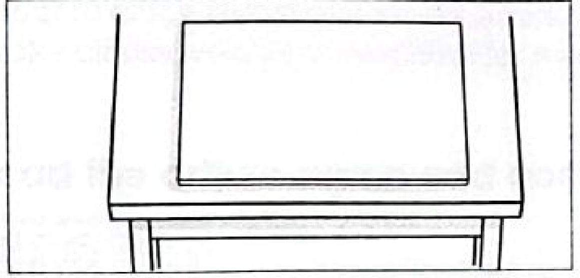
1 **You are going to make a three-fold board to present to the class. First, look at the list and get the things you need to make the board**



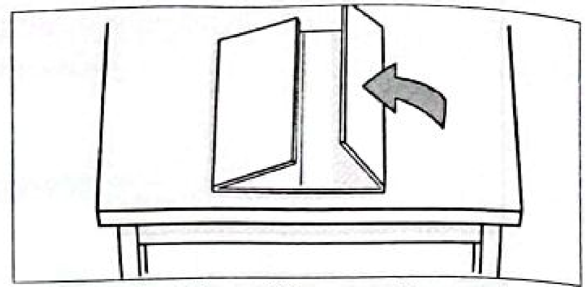
What you need:

- a large sheet of thick strong cardboard
- colored pens or crayons
- scissors and glue
- writing paper

2 **Work in pairs. Follow the instructions to make your three-fold board**

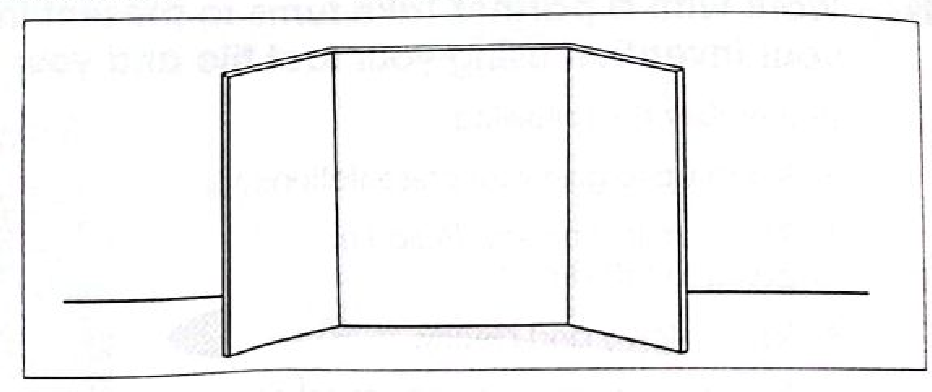


Put the cardboard on a desk so that the longest part is at the top.



Fold each side of the cardboard so that they meet in the center.

Fold the edges. Now, open each side. Then stand the board on the desk.





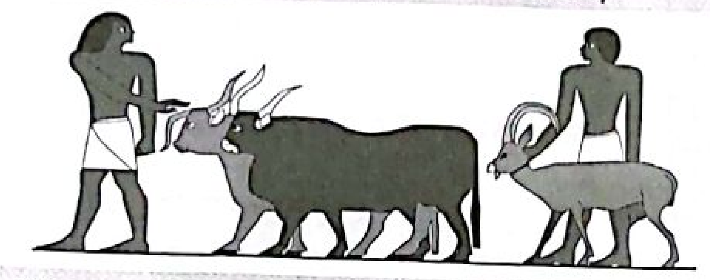
3 In pairs, choose one of the topics below. Use the internet and books to find answers to the questions

Farming

- Why was the Nile important for farming in ancient Egypt?
- What natural resources did the ancient Egyptians use for farming?
- How did farming help the economy?

Fishing

- How did they catch the fish?
- How important was fishing to the economy of ancient Egypt?





Transportation

- Why did the ancient Egyptians use the Nile for transportation?
- What did they transport on the Nile?
- How was this useful to the economy?



4 Design and complete your three-fold board

- Look at the three-fold board in Exercise 1 to use as a model.
- Write the main heading at the top of the board in the center.
- Write each text on different sheets of paper. Write a title for each text.
- Draw pictures, maps, and diagrams. Write titles and captions for each.
- Write a Fun Fact! text box.
- Arrange and stick the text boxes and pictures onto your three-fold board.



5 Make a classroom display of your three-fold boards. Vote for the best five boards

Remember these things when working in pairs

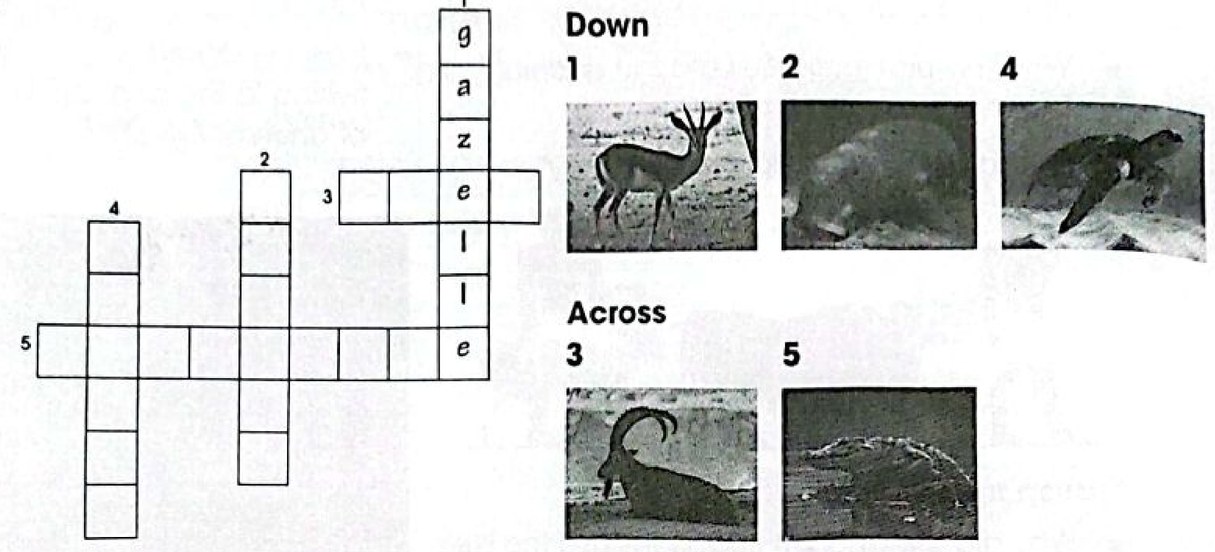
- discuss ideas
- share the tasks equally
- ask for help and offer help
- find a way to agree
- be kind



JUBARI SEARCHES FOR HOME

CHARACTERS IN THE STORY

1 **Do the crossword. Write the animals**



2 **Write the animals from Exercise 1 in the order they appear in the story**

1 gazelle ____________ 2 ____________

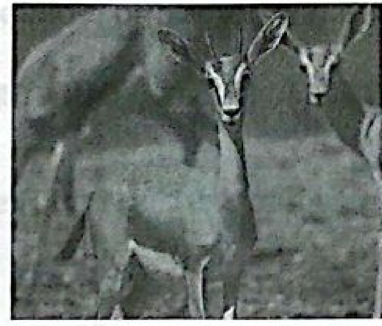
3 ____________ 4 ____________

5 ____________

3 **Write the names**

Donga ~~Jubari~~ Subira







1 He is a brave young gazelle. Jubari

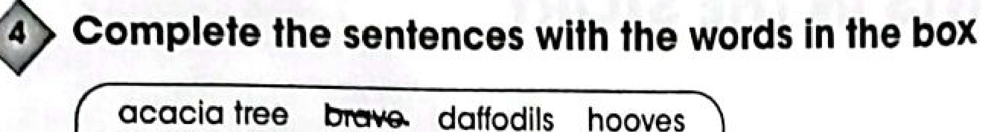
2 She taught her son which plants to eat. ____________

3 He lives in the mangrove forest. ____________



WORDS IN THE STORY

4 **Complete the sentences with the words in the box**

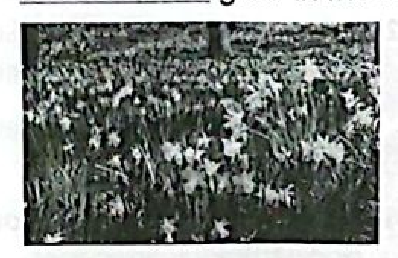


acacia tree ~~brave~~ daffodils hooves
Nubian ibex salty seagrass steep

1 This brave__________ boy isn't frightened of dentists.



2 These beautiful yellow __________ grow in the forest.



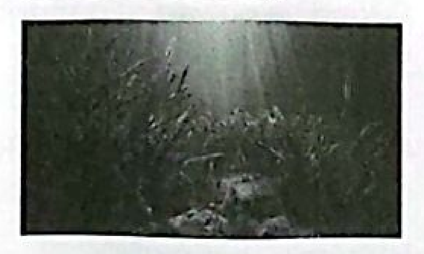
3 The __________ lives in the mountains of northern Africa and the Middle East.



4 The sides of this mountain are very __________.



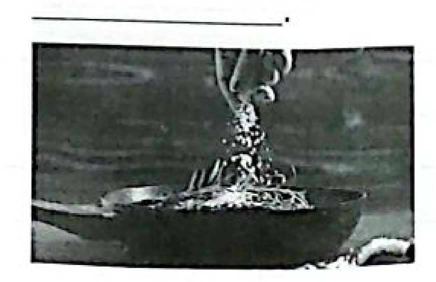
5 Turtles and dugongs eat a lot of __________.



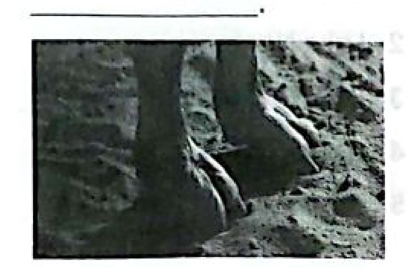
6 Gazelles and giraffes eat the leaves of the __________.



7 You can't eat food if it's too __________.



8 Goats have small __________.





EVENTS IN THE STORY



Read and circle

1 Jubari and Subira live in the **Wadi of the Gazelles / Wadi el Gemal.**
2 When Jubari was young, Subira taught him which **animals / plants** to eat.
3 Subira showed Jubari where to rest on **hot / windy** days.
4 Subira taught him which **animals / places** were dangerous.
5 Jubari and Subira's favorite food was **roots / daffodils.**
6 They got enough water to survive from **acacia leaves / seagrass.**



Read and match

1 Jubari left home to look for
2 Jubari decided to go east,
3 Next, Jubari ran north,
4 Then Jubari went south,
5 Finally, Jubari ran west,
6 Jubari knew that he was in danger,

a so he ran all the way home.
b and he arrived at a beach.
c and he found a man-made lake.
d the Wadi of the Gazelles.
e and he came to some mountains.
f and he arrived at a mangrove forest.



What animals and plants does Jubari find at these places? Write the correct words

dugong daffodil acacia trees turtle ibex crocodile

1 Wadi el Gemal ____________________
2 Lake Nasser ____________________
3 Ras Hankorab ____________________
4 Gebel Elba ____________________
5 The Red Sea mangrove ____________________



THE STORY

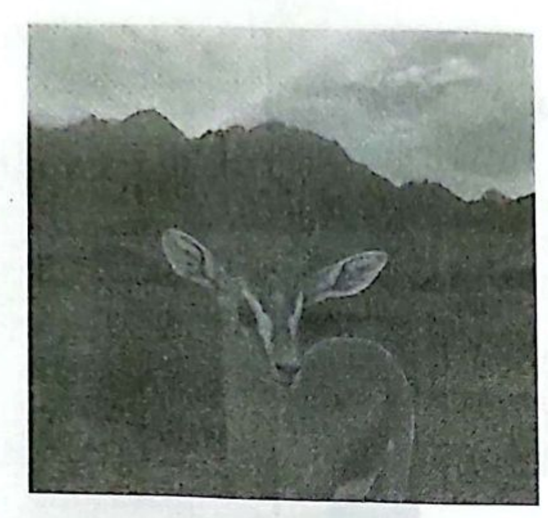




8 Look and write the places Jubari visits

Wadi el Gemal | The Red Sea mangrove | Lake Nasser | Ras Hankorab

a



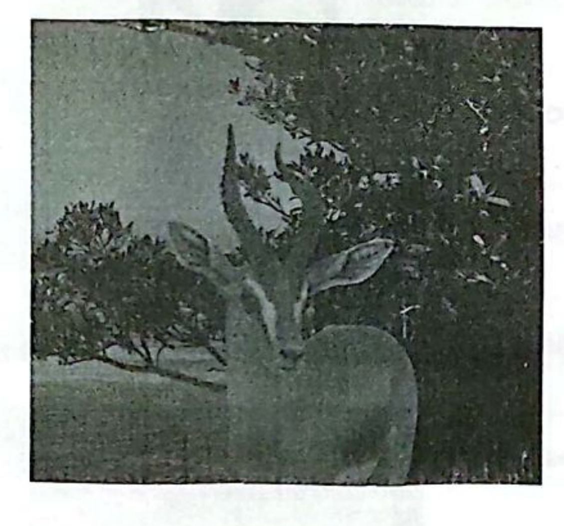
____

b



____

c



____

d



____



9 Read and match

a "Wadi el Gemal is the perfect place for gazelles."

b "It's my home. Ras Hankorab beach."

c "This is my home, and I'm hungry."

d "Would you like some of my seagrass?"

e "This is Gebel Elba. It's my home."

f "But is there a place called 'Wadi of the Gazelles'?"

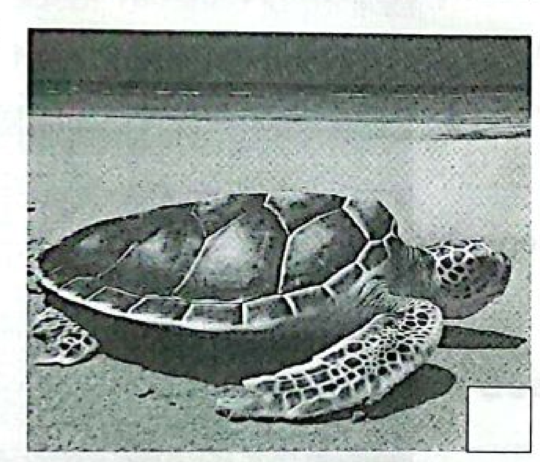
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2



3



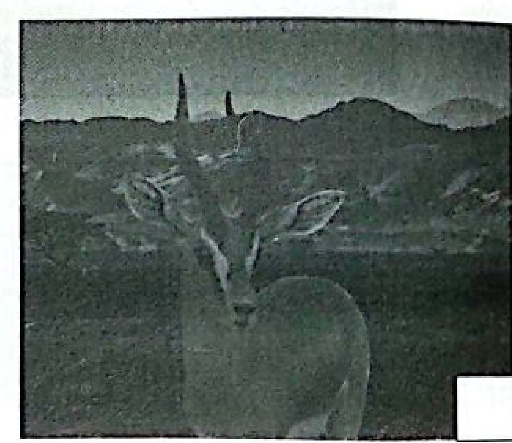
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5



6



10 Complete the summary with the words in the box. There are two extra words

~~brave~~ Camels dangerous enormous lake mangrove mountain sandy salty turtle

Jubari was a [1]brave_____ young dorcas gazelle. He was born in Wadi el Gemal, which means 'Wadi of the [2]__________'. One day, Jubari left home to look for the 'Wadi of the Gazelles'. He went to lots of places and met many different animals. First, he found a [3]__________ forest where he met a friendly dugong. Jubari was thirsty, but the water was too [4]__________ for him to drink. Then he found a beach where he met a [5]__________. Then he climbed a steep [6]__________. He met a Nubian ibex who lived there. Finally, he went west. He came to a very big [7]__________ where a crocodile spoke to him. Jubari knew this was a [8]__________ animal, so he quickly ran home.

11 Read again and circle *T* (True) or *F* (False). Correct the false sentences

1 Jubari was born in Wadi el Gemal. ☐

____

2 Jubari wanted to find the Wadi of the Camels. ☐

____

3 The first animal he met was a dugong. ☐

____

4 He met a turtle, who was swimming in the sea. ☐

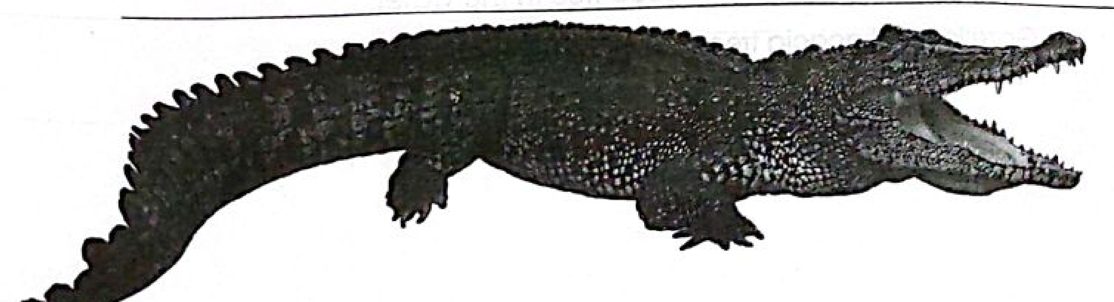
____

5 Then he climbed down into a deep canyon. ☐

____

6 When he met a dangerous crocodile, he ran home. ☐

____





12 Read and choose the correct answers, *a* or *b*

1 What did Subira teach Jubari to do if he met a dangerous animal?

a shout for help (b) run away

2 Which animal offered Jubari some seagrass?

a a Nubian ibex b a dugong

3 Why couldn't Jubari eat the seagrass?

a It was too salty. b It was too wet.

4 Why did the turtle ask Jubari not to walk on the sand?

a His hooves were too big. b Her eggs were in the sand.

5 Why was Ras Hankorab beach not a good place for gazelles?

a The sand was too soft to walk on. b The beach was too hot.

6 How did Jubari feel when he climbed the mountain?

a His head hurt. b His legs felt tired.

7 How did Jubari know that the crocodile was dangerous?

a It had big teeth. b It was a big animal.

8 Why is Wadi el Gemal the perfect place for gazelles?

a There aren't any camels. b There are lots of acacia trees.

13 Read and write *yes* or *no*

1 Daffodils give gazelles food and water all year around. no

2 Acacia trees need gazelles because they take their seeds to new places. ______

3 Dugongs eat leaves from mangrove trees. ______

4 Turtles lay their eggs in the sand. ______

5 Dorcas gazelles find it easy to climb to the top of very steep mountains. ______

6 Lake Nasser is a very big natural lake. ______

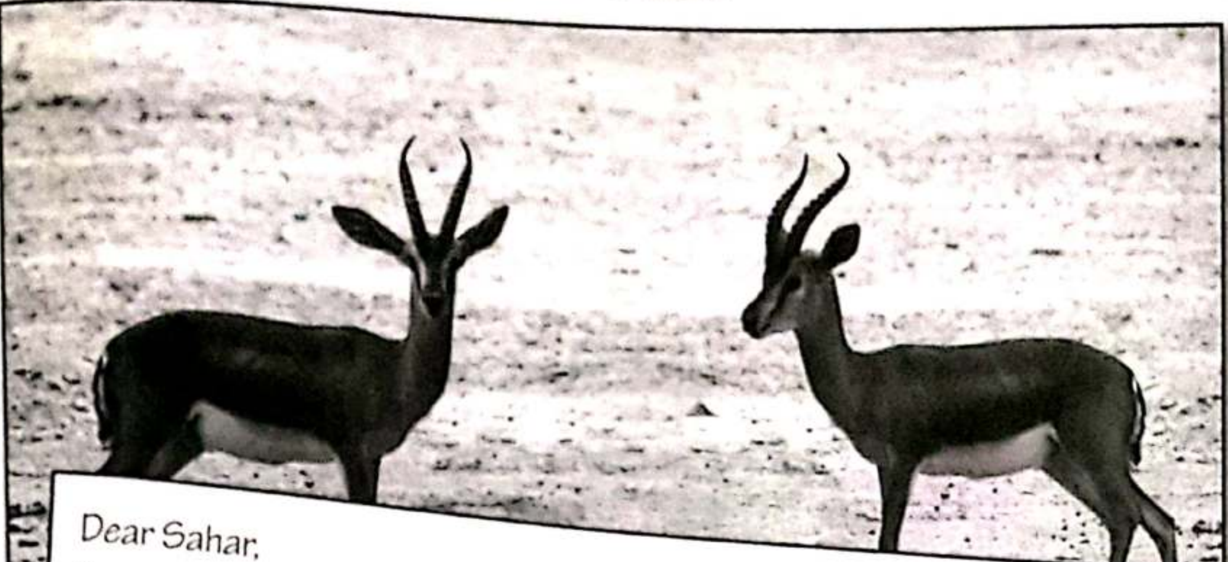
7 A crocodile can look like a dead tree in the water. ______

8 Gazelles and acacia trees are part of the ecosystem in Wadi el Gemal. ______





14 Read and circle the correct words

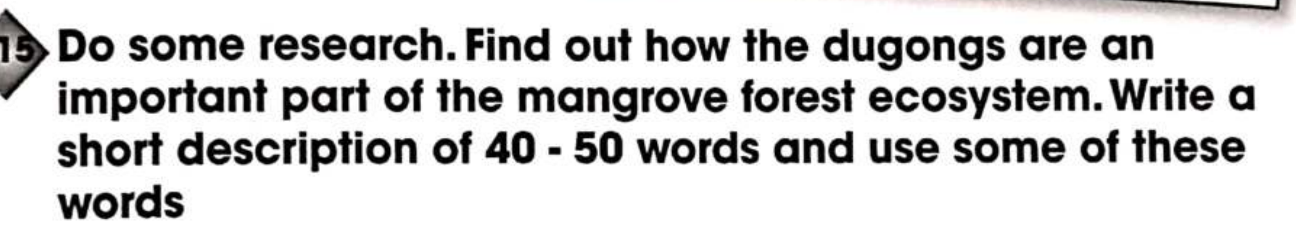


Dear Sahar,

I've just come back from our school visit to Wadi el Gemal. We learned a lot about the [1] **food / ecosystem** there. It's very [2] **cold / hot** and dry, but dorcas gazelles can live there. In summer they eat [3] **daffodils / insects**. They also eat the [4] **leaves / wood** of the acacia trees, which give them food and enough water. So, dorcas gazelles [5] **often / never** need to drink. The gazelles eat the acacia [6] **seeds / roots** and take them to new places. Then more acacia trees grow. So, gazelles [7] **are / aren't** an important part of the ecosystem. I'll tell you more when I see you.

Love,

Randa



15 Do some research. Find out how the dugongs are an important part of the mangrove forest ecosystem. Write a short description of 40 - 50 words and use some of these words

dugongs   mangrove trees   salty water   seagrass

____

____

____

____

____

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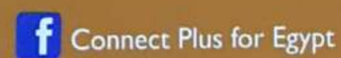
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